PRODUCT CATALOGUE / INTERNATIONAL

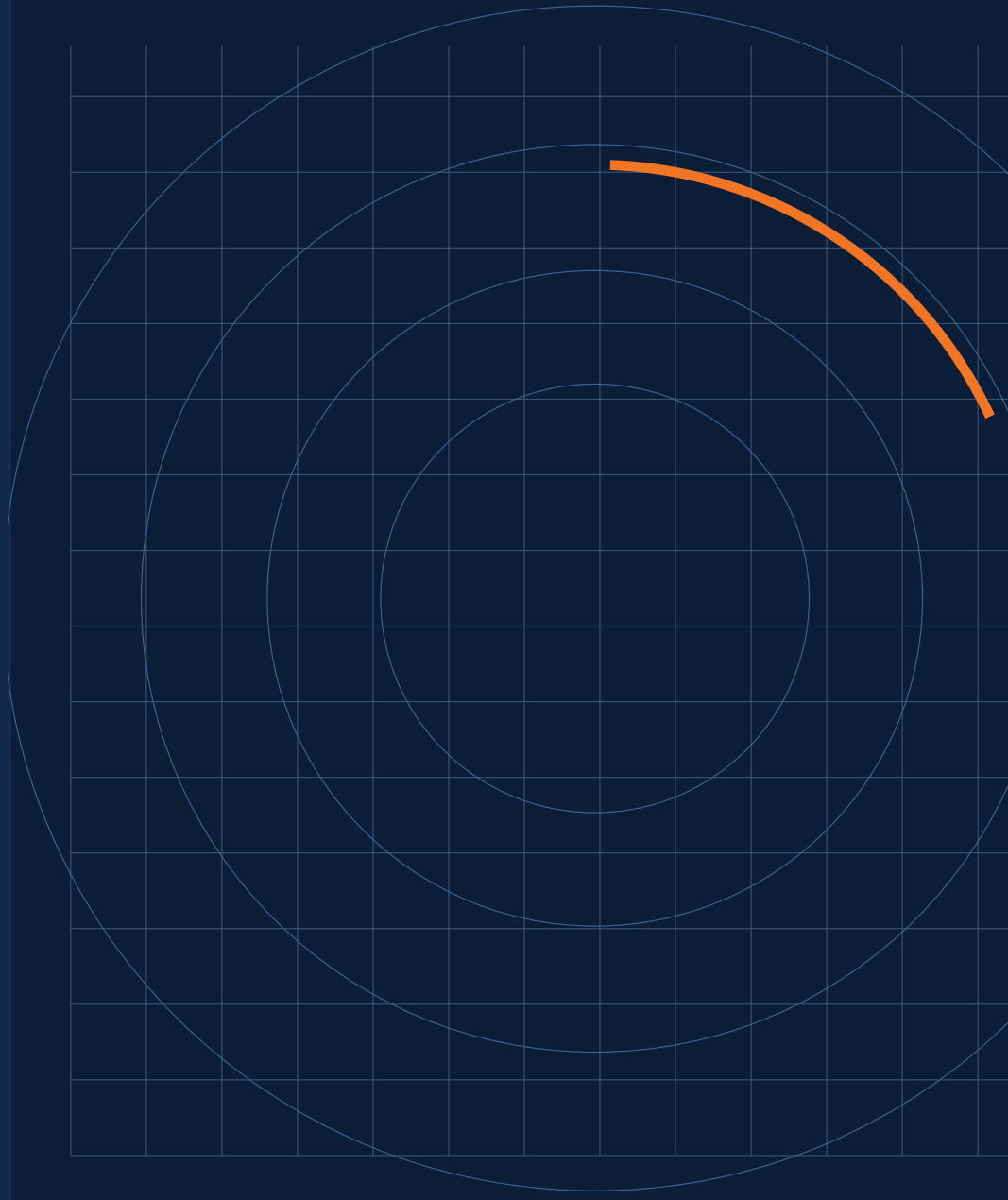
POWER GENERATION SYSTEMS 2026

DIESEL GENERATORS

Prime and standby power solutions
for industry, infrastructure and the public sector.

10–4125 kVA

Power range according to the manufacturer’s source catalogue



T-GENIUS CZECH s.r.o.

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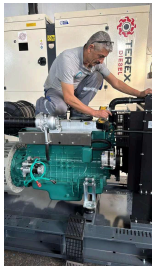
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ABOUT US

T-Genius' manufacturing partner specialises in diesel generator sets ranging from 10 to 4,125 kVA, as well as portable generators, light towers and medium-voltage power systems. The range includes Perkins, Cummins, Baudouin, FPT Iveco, Volvo Penta, Scania, SDEC and YangDong engines. All sets are factory tested and delivered ready to run. Open, canopied and containerised configurations are available.

WHY CHOOSE OUR OFFER?

- Wide selection of generator sets with 9 engine brands
- Power range from 10 to 4,125 kVA
- Factory tested and ready to run
- Open, soundproofed and containerised options
- Commercial support from T-Genius






CERTIFICATIONS AND MARKINGS

TSE
Certificate of Conformity

CE
CE Conformity Marking

ISO 9001
Quality Management

ISO 14001
Environmental Management

FROM SHEET METAL TO SITE

At the Terex Diesel production facility, generator canopies are manufactured from sheet metal through to final assembly. Each stage, including fabrication, coating, engine-alternator assembly and factory testing, is subject to quality control.







01 LASER CUTTING

Canopy sheet-metal components are cut to precise tolerances using CNC laser equipment.

02 BENDING & FORMING

Cut sheets are formed to the required canopy geometry using CNC press brakes.

03 POWDER COATING

Canopy components receive weather-resistant electrostatic powder coating.

04 ASSEMBLY & FACTORY TEST

After engine and alternator assembly, each generator set is tested under full load before shipment.

Photographs: Terex Diesel production facility. Manufacturing activities shown are those of the producer.

DIESEL GENERATOR SETS

With 9 engine brands and its own Terex brand alternator, Terex Diesel offers a complete diesel generator range from 10 kVA to 4,125 kVA. The following pages show the power range and detailed technical tables for each engine brand.

WHERE ARE THEY USED?

Thanks to their wide power range from 10 kVA to 4,125 kVA, Terex Diesel generator sets are used as standby or prime power sources in many sectors, from small businesses to large industrial facilities.



Data Centres

Critical standby power for server and network infrastructure that must run without interruption.



Hospitals

Standby power solutions that start automatically for operating theatres and intensive care units.



Construction Sites

Rugged, mobile solution for site power needs, with open-type and trailer-mounted models.



Telecommunications

Compact, low-noise sets for base stations and communication infrastructure.



Shopping Centres & Commercial Buildings

Uninterrupted power for lighting, lift and air-conditioning systems.



Agriculture & Irrigation

Reliable, durable power source for irrigation pumps and cold storage facilities.



Industrial Facilities

Medium to high kVA options for continuous or standby power in factories and production lines.

Power Outage Backup

Automatic standby power against mains failures in residential complexes, hotels and workplaces.

CHOOSING THE RIGHT GENERATOR

The table below gives a general idea of the approximate power needed for different applications. The exact model depends on the total load of connected equipment, starting (inrush) current and operating time. For a detailed load calculation, please contact our sales and technical team.

APPLICATION	TYPICAL LOADS	APPROX. POWER RANGE	RECOMMENDED SERIES
Small business / home	Lighting, refrigerator, basic electronics	**10 - 30 kVA**	YangDong, Perkins
Office / small commercial unit	Lighting, air conditioning, computer systems	**30 - 100 kVA**	Perkins, FPT Iveco
Commercial building / shopping centre	Lifts, HVAC, lighting, security systems	**100 - 400 kVA**	Perkins, Cummins, SDEC
Hospital / data centre	Critical medical equipment, server rooms, UPS units	**250 - 800 kVA**	Cummins, Volvo Penta, Scania
Industrial facility / factory	Electric motors, production lines, compressors	**400 - 1,500 kVA**	Baudouin, Cummins, Scania
Construction site	Cranes, welding machines, site lighting	**60 - 500 kVA**	Perkins, FPT Iveco (trailer/open type)
Large industrial complex	Heavy industry, multiple production lines, continuous operation	**1,000 - 4,125 kVA**	Baudouin (containerised)

Calculate the Total Load

Add up the kW/kVA ratings of all equipment to be supplied and allow a margin for high starting-current loads (motors, compressors).

Define the Type of Use

Choose the appropriate power rating for the application: Standby (backup), Prime (main source) or continuous operation.

Choose Engine & Alternator

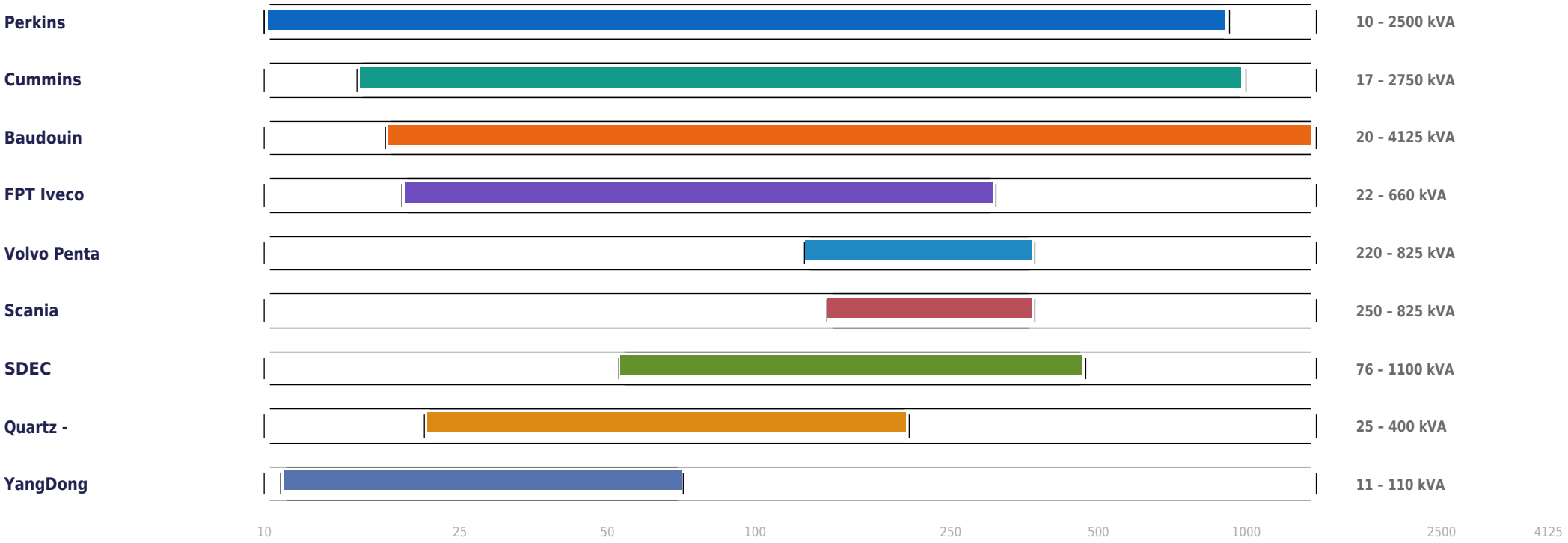
Select engine and alternator brands based on spare parts availability, service network and budget.

Contact Us

Our technical team will help you select the right model and configuration for your project.

POWER RANGE BY SERIES

The chart below compares the kVA ranges covered by nine engine brands on a logarithmic scale, based on the product data. It shows how the series complement each other and which brands offer options in each power band.



* Logarithmic scale; bar lengths indicate the order of magnitude of each power range. Values in kVA (standby).

EQUIPMENT OVERVIEW

All TEREX Diesel generator sets are factory-tested and delivered ready for operation. The list below outlines typical equipment; standard and optional features may vary by model and series. Please contact our sales team for the current configuration.

STANDARD EQUIPMENT

- ✓ Digital control panel (engine protection and monitoring)
- ✓ Automatic voltage regulator (AVR)
- ✓ Battery, battery cables and charger
- ✓ Industrial exhaust silencer
- ✓ Base-frame fuel tank
- ✓ Emergency stop button
- ✓ Anti-vibration mounts
- ✓ Load test report
- ✓ Operation and maintenance manual

OPTIONAL EQUIPMENT

- + Automatic transfer switch (ATS)
- + Synchronization panel (parallel operation)
- + Additional / enlarged fuel tank
- + Soundproof enclosure (acoustic insulation)
- + Trailer-mounted chassis (mobile)
- + Containerized enclosure
- + Remote monitoring module (GSM / IoT)
- + Cold-weather kit (engine block heater)
- + Custom color / corporate branding

DIGITAL CONTROL PANEL



TEREX Diesel generator sets use internationally recognised Datakom digital control panels that continuously monitor the engine and alternator. The panels display mains and generator parameters simultaneously and automatically protect the set in the event of a fault.

Automatic Start/Stop

Starts automatically on mains failure and stops automatically when mains power returns (AMF).

Voltage & Frequency Monitoring

Three-phase voltage, current, frequency and power factor values are shown on the display in real time.

Engine Protection

Automatic protection and warning for high coolant temperature, low oil pressure, overspeed and battery voltage.

Fault Log Memory

Faults are saved with a time stamp in the panel memory, allowing later review.

Remote Monitoring (Optional)

Remote monitoring of the generator status via a GSM/GPRS or IoT module.

Synchronisation Ready

Provides a suitable basis for parallel operation and synchronisation panel applications.

* Panel model and equipment details may vary by power range. Please contact our sales team for the current panel model.

WARRANTY TERMS

All Terex Diesel generator sets undergo a full-load test before leaving the factory. The warranty covers the entire set and starts on the date of first commissioning. The period depends on the engine brand. For export sales, the periods are halved.

5 YEARS

QUARTZ-ENGINED SETS

Whichever comes first: 5 years or 3,000 operating hours.
Export sales: 2.5 years or 1,500 hours.

2 YEARS

OTHER ENGINE BRANDS

Whichever comes first: 2 years or 1,000 operating hours.
Export sales: 1 year or 500 hours.

24/7

TECHNICAL SUPPORT LINE

Contact the manufacturer's after-sales support team for fault reports and technical advice.

COVERED BY THE WARRANTY

- Faults caused by defects in materials and workmanship
- Engine and alternator manufacturing defects
- Production faults in control panels and electrical parts
- Welding and assembly faults
- Replacement/repair using genuine spare parts

NOT COVERED BY THE WARRANTY

- Misuse, lack of maintenance or improper intervention
- Periodic consumables (filters, oil, belts, etc.)
- Faults caused by unsuitable fuel or oil
- Natural disasters, accidents or external impact
- Faults resulting from unauthorised service work

* General information only. The binding warranty terms are specified in the official manufacturer warranty certificate delivered with the order.

AFTER-SALES SUPPORT

Keeping a generator running reliably is a commitment that continues after purchase. Support includes genuine spare parts, scheduled maintenance and technical servicing.

Genuine spare parts

A stock of genuine parts for engines, alternators and control panels helps enable prompt deliveries.

Scheduled maintenance

Maintenance carried out in accordance with the manufacturer's recommendations supports generator service life and reliability.

Installation and commissioning

Technical assistance includes on-site installation, electrical connection checks and commissioning tests.

Breakdown assistance

Fault reports can be submitted to the technical support line. An on-site technical intervention can be arranged where required.

Operator training

Generator operators receive guidance on safe operation and basic maintenance procedures.

Long-term service agreements

For critical facilities, service agreements can include scheduled maintenance and priority handling of support requests.

Service availability and scope are subject to the applicable supply and service agreement.

Perkins

Diesel Generator Models

10 kVA - 2,500 kVA

Sound level: +/- 75 dB(A) (at 7 m, canopied set)

Built with Perkins engines, this is one of the most widely used diesel generator series worldwide. Available alternators include Stamford, Leroy Somer, Mecc Alte and Terex-brand units. The range offers broad power coverage and spare-parts availability.

Alternator options: STAMFORD | LEROY SOMER | mecc alte

10 – 2500 kVA

MODEL	TRX P TA 0010	TRX P TA 0015	TRX P TA 0022	TRX P TA 0033	TRX P TA 0050	TRX P TA 0066	TRX P TA 0072
Standby (kVA)	10	15	22	33	50	66	72
kW	8	12	17.6	26.4	40	52.8	57.6
Prime (kVA)	9	13	20	30	45	60	65
kW	7.2	10.4	16	24	36	48	52
Engine speed (rpm)	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
ENGINE							
Engine net power (kW)	8	12	18	28	41	54	58
Engine standby power (kW)	9	13	20	30	46	59	64
Make	Perkins	Perkins	Perkins	Perkins	Perkins	Perkins	Perkins
Model	403A-11G1	403A-15G1	404A-22G1	1103A-33G	1103A-33TG1	1103A-33TG2	1104A-44TG1
Engine type	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel
Fuel injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection
Aspiration	Naturally aspirated	Naturally aspirated	Naturally aspirated	Naturally aspirated	Turbocharged	Turbocharged	Turbocharged
Number of cylinders	3	3	4	3	3	3	4
Bore × stroke (mm)	77 x 81	84 x 90	84 x 100	105 x 127	105 x 127	105 x 127	105 x 127
Displacement (L)	1.131	1.496	2.216	3.31	3.3	3.3	4.4
Cooling	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled
Compression ratio	23:1	22.5:1	23.3:1	19.25:1	17.25:1	17.25:1	17.25:1
Fuel cons. (Standby) (L/h)	3.6	4.1	6.1	7.9	12	15.4	16.2
Fuel cons. (100% Prime) (L/h)	3	3.7	5.3	7.1	10.7	13.9	14.8
Fuel cons. (75% Prime) (L/h)	2.3	2.8	4	5.4	8.2	10.4	11.2
Fuel cons. (50% Prime) (L/h)	1.7	2	2.9	3.9	5.7	7.2	8
Oil capacity (L)	4.9	6	10.6	8.3	8.3	8.3	8
Coolant capacity (L)	5.2	6	7	10.2	10.2	10.2	13
Governor type	Mechanical	Mechanical	Mechanical	Mechanical	Electronic	Electronic	Electronic
ALTERNATOR							
Make	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX
Model	TA160-10N2	TA160-10N2	TA160-16N2	TA180-24N2	TA180-34N2	TA180-40N2	TA180-40N2
Output voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Frequency (Hz)	50	50	50	50	50	50	50
AVR (±%)	1	1	1	1	1	1	1
Alt. standby power (kVA)	11	—	22.5	—	50.1	—	73.6
Alt. continuous power (kVA)	10	—	20	—	46	—	67.5
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Number of leads	12	12	12	12	12	12	12
Winding pitch	2/3	2/3	2/3	2/3	2/3	2/3	2/3
Protection class	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H
Excitation	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited
AVR model	SX460	SX460	SX460	SX460	SX460	SX460	SX460
Efficiency (75% load) (%)	82	83	86	88	88.5	90	91
DIMENSIONS (OPEN SET)							
L × W × H (mm)	1200x1000x1050	1200x1000x1050	1200x1000x1050	1200x1000x1050	1500x1000x1350	1500x1000x1350	1500x1000x1350
Weight (kg)	515	535	555	565	795	895	1,100
Fuel tank (L)	100	100	100	100	125	125	125
DIMENSIONS (CANOPIED SET)							
L × W × H (mm)	1800x1000x1250	1800x1000x1250	1800x1000x1250	1800x1000x1250	2200x1000x1550	2200x1000x1550	2350x1000x1550
Weight (kg)	715	735	755	765	995	1,095	1,300

10 – 2500 kVA

MODEL	TRX P TA 0088	TRX P TA 0110	TRX P TA 0150	TRX P TA 0165	TRX P TA 0200	TRX P TA 0220	TRX P TA 0250
Standby (kVA)	88	110	150	165	200	220	250
kW	70.4	88	120	132	160	176	200
Prime (kVA)	80	100	135	150	180	200	230
kW	64	80	108	120	144	160	184
Engine speed (rpm)	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
ENGINE							
Engine net power (kW)	72	90	118	131	158	174	196
Engine standby power (kW)	79	100	131	144	175	191	218
Make	Perkins	Perkins	Perkins	Perkins	Perkins	Perkins	Perkins
Model	1104A-44TG2	1104C-44TAG2	1106A-70TG1	1106A-70TAG2	1106A-70TAG3	1106A-70TAG4	1206A-E70TTAG2
Engine type	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel
Fuel injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection
Aspiration	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged
Number of cylinders	4	4	6	6	6	6	6
Bore × stroke (mm)	105 x 127	105 x 127	105 x 135	105 x 135	105 x 135	105 x 135	105 x 135
Displacement (L)	4.4	4.4	7.01	7.01	7.01	7.01	7.01
Cooling	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled
Compression ratio	17.25:1	18.23:1	18.2:1	18.2:1	16:1	16:1	15.8:1
Fuel cons. (Standby) (L/h)	20.5	29.7	33.8	36.1	45.1	49.4	56.6
Fuel cons. (100% Prime) (L/h)	18.7	26.9	30.3	33.4	41.4	45.8	51
Fuel cons. (75% Prime) (L/h)	14	20.2	22.7	24.7	32	34.7	38
Fuel cons. (50% Prime) (L/h)	9.7	14.1	15.9	16.4	20.2	23.1	25.5
Oil capacity (L)	8	8	18	18	18	18	16
Coolant capacity (L)	13	12.6	21	21	21	21	25
Governor type	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
ALTERNATOR							
Make	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX
Model	TA225-70N	TA225-80N	TA225-120N	TA280-150N	TA280-165N	TA280-170N	TA280-220N
Output voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Frequency (Hz)	50	50	50	50	50	50	50
AVR (±%)	1	1	1	1	1	1	1
Alt. standby power (kVA)	90.8	110	150	166.5	200	220	260
Alt. continuous power (kVA)	85	100	140	150	182	200	230
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Number of leads	12	12	12	12	12	12	12
Winding pitch	2/3	2/3	2/3	2/3	2/3	2/3	2/3
Protection class	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H
Excitation	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited
AVR model	SX460	SX460	SX460	SX460	SX460	SX460	SX460
Efficiency (75% load) (%)	91	92	91.7	92.1	92.1	93.3	92.6
DIMENSIONS (OPEN SET)							
L × W × H (mm)	1500x1000x1350	1500x1000x1350	2100x1100x1550	2100x1100x1650	2100x1100x1650	2100x1100x1650	2100x1100x1650
Weight (kg)	1,180	1,250	1,350	1,585	1,835	2,110	2,310
Fuel tank (L)	125	125	265	265	265	265	265
DIMENSIONS (CANOPIED SET)							
L × W × H (mm)	2350x1000x1550	2350x1000x1550	2650x1100x1750	3000x1100x1850	3000x1100x1850	3000x1100x1850	3000x1100x1850
Weight (kg)	1,380	1,450	1,530	1,785	2,135	2,450	2,650

10 – 2500 kVA

MODEL	TRX P TA 0275	TRX P TA 0330	TRX P TA 0400	TRX P TA 0450	TRX P TA 0500	TRX P TA 0550	TRX P TA 0660
Standby (kVA)	275	330	400	450	500	550	660
kW	220	264	320	360	400	440	528
Prime (kVA)	250	300	350	400	455	500	600
kW	200	240	280	320	364	400	480
Engine speed (rpm)	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
ENGINE							
Engine net power (kW)	218	268	305	349	396	435	522
Engine standby power (kW)	240	293	349	392	434	478	574
Make	Perkins	Perkins	Perkins	Perkins	Perkins	Perkins	Perkins
Model	1206A-E70TTAG3	1506A-E88TAG5	2206A-E13TAG2	2206A-E13TAG3	2506A-E15TAG1	2506A-E15TAG2	2806A-E18TAG1A
Engine type	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel
Fuel injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection
Aspiration	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled
Number of cylinders	6	6	6	6	6	6	6
Bore × stroke (mm)	105 x 135	112 x 149	130 x 157	130 x 157	137 x 171	137 x 171	145 x 183
Displacement (L)	7.01	8.8	12.5	12.5	15.2	15.2	18.13
Cooling	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled
Compression ratio	15.8:1	16.1:1	16.3:1	16.3:1	16:1	16:1	14.5:1
Fuel cons. (Standby) (L/h)	64.5	73.1	80	90	104	111	134
Fuel cons. (100% Prime) (L/h)	56.9	64.9	71	81	95	100	123
Fuel cons. (75% Prime) (L/h)	41.5	48.2	54	62	72	76	90
Fuel cons. (50% Prime) (L/h)	28.1	33	37	42	50	53	61
Oil capacity (L)	16	41	40	40	62	62	62
Coolant capacity (L)	25	33.2	33.2	51.4	58	58	58
Governor type	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
ALTERNATOR							
Make	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX
Model	TA280-220N	TA280-240N	TA315-300N	TA315-320N	TA315-350N	TA315-400N	TA355-470N
Output voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Frequency (Hz)	50	50	50	50	50	50	50
AVR (±%)	1	1	1	1	1	1	1
Alt. standby power (kVA)	275	330	412.5	450	520	590	665
Alt. continuous power (kVA)	250	300	375	400	500	550	610
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Number of leads	12	12	12	12	12	12	12
Winding pitch	2/3	2/3	2/3	2/3	2/3	2/3	2/3
Protection class	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H
Excitation	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited
AVR model	SX460	AS440	AS440	AS440	AS440	AS440	AS440
Efficiency (75% load) (%)	92.7	93	93.5	94.3	94.5	95.2	95
DIMENSIONS (OPEN SET)							
L × W × H (mm)	2100x1100x1650	—	—	—	—	—	—
Weight (kg)	2,550	—	—	—	—	—	—
Fuel tank (L)	265	350	350	1,370	1,370	1,370	1,370
DIMENSIONS (CANOPIED SET)							
L × W × H (mm)	3000x1100x1850	—	—	—	—	—	—
Weight (kg)	2,790	—	—	—	—	—	—

Perkins | STAMFORD | LEROY SOMER | meccalte | TEREX DIESEL

10 – 2,500 kVA

PERKIN

MODEL	TRX P TA 0700	TRX P TA 0825	TRX P TA 0900	TRX P TA 1000	TRX P TA 1100	TRX P TA 1250	TRX P TA 1385
Standby (kVA)	700	825	900	1,000	1,100	1,250	1,385
kW	560	660	720	800	880	1,000	1,108
Prime (kVA)	650	750	800	900	1,000	1,125	1,250
kW	520	600	640	720	800	900	1,000
Engine speed (rpm)	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
ENGINE							
Engine net power (kW)	565	648	675	758	861	947	1,055
Engine standby power (kW)	609	716	756	842	947	1,055	1,166
Make	Perkins	Perkins	Perkins	Perkins	Perkins	Perkins	Perkins
Model	2806A-E18TAG2	2806A-E18TTAG5	4006-23TAG3A	4008TAG1A	4008TAG2A	4008-30TAG3	4012-46TWG2A
Engine type	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel
Fuel injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection
Aspiration	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled
Number of cylinders	6	6	6	8	8	8	12
Bore × stroke (mm)	145 x 183	145 x 183	160 x 190	160 x 190	160 x 190	160 x 190	160 x 190
Displacement (L)	18.13	18.13	22.9	30.5	30.5	30.5	45.8
Cooling	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled
Compression ratio	14.5:1	14.5:1	13.6:1	13.6:1	13.6:1	13.6:1	13.6:1
Fuel cons. (Standby) (L/h)	143	180	194	217	240	269	287
Fuel cons. (100% Prime) (L/h)	132	162	172	194	215	244	258
Fuel cons. (75% Prime) (L/h)	97	118	130	142	162	188	196
Fuel cons. (50% Prime) (L/h)	68	80	90	97	111	120	141
Oil capacity (L)	62	68	113.4	153	153	153	177
Coolant capacity (L)	58	110	170	149	149	149	73
Governor type	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
ALTERNATOR							
Make	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX
Model	TA355-550N	TA355-600N	TA400-640N	TA400-700N	TA400-800N	TA400-900N	TA400-1100N
Output voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Frequency (Hz)	50	50	50	50	50	50	50
AVR (±%)	1	0.5	0.5	0.5	0.5	0.5	0.5
Alt. standby power (kVA)	738	—	955	1,050	1,185	1,313	—
Alt. continuous power (kVA)	670	—	910	1,000	1,130	1,250	—
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Number of leads	12	6	6	6	6	6	6
Winding pitch	2/3	2/3	2/3	2/3	2/3	2/3	2/3
Protection class	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H
Excitation	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited
AVR model	AS440	MX341B	MX341B	MX341B	MX341B	MX341B	MX341B
Efficiency (75% load) (%)	95.7	94	94	94.9	95.4	95.3	95
DIMENSIONS (OPEN SET)							
L × W × H (mm)	4500x2200x2900	4500x2200x2900	4500x2200x2900	4500x2200x2900	4900x2500x3200	4900x2500x3200	4900x2500x3200
Weight (kg)	7,232	7,482	7,500	7,800	9,500	9,750	10,000
Fuel tank (L)	1,860	1,860	1,860	1,860	2,100	2,100	2,100
DIMENSIONS (CANOPIED SET)							
L × W × H (mm)	4500x2200x3200	4500x2200x3200	4500x2200x3200	4500x2200x3200	4900x2500x3500	Containerised	Containerised
Weight (kg)	7,632	7,882	7,900	8,200	10,350	—	—

Perkins | STAMFORD | LEROY SOMER | meccalte | TEREX DIESEL

10 – 2,500 kVA

PERKIN

MODEL	TRX P TA 1500	TRX P TA 1650	TRX P TA 1875	TRX P TA 2000	TRX P TA 2250	TRX P TA 2500
Standby (kVA)	1,500	1,650	1,875	2,000	2,250	2,500
kW	1,200	1,320	1,500	1,600	1,800	2,000
Prime (kVA)	1,350	1,500	1,710	1,850	2,000	2,250
kW	1,080	1,200	1,368	1,480	1,600	1,800
Engine speed (rpm)	1,500	1,500	1,500	1,500	1,500	1,500
Voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8
ENGINE						
Engine net power (kW)	1,148	1,267	1,440	1,558	1,684	1,875
Engine standby power (kW)	1,263	1,395	1,583	1,648	1,895	2,083
Make	Perkins	Perkins	Perkins	Perkins	Perkins	Perkins
Model	4012-46TWG3A	4012-46TAG2A	4012-46TAG3A	4016-61TRG1	4016-61TRG2	4016-61TRG3
Engine type	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel
Fuel injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection
Aspiration	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled
Number of cylinders	12	12	12	16	16	16
Bore × stroke (mm)	160 x 190	160 x 190	160 x 190	160 x 190	160 x 190	160 x 190
Displacement (L)	45.8	45.8	45.8	61.1	61.1	61.1
Cooling	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled
Compression ratio	13.6:1	13.6:1	13.6:1	13.6:1	13.6:1	13.6:1
Fuel cons. (Standby) (L/h)	315	335	405	480	513	537
Fuel cons. (100% Prime) (L/h)	281	301	370	447	442	503
Fuel cons. (75% Prime) (L/h)	212	237	275	337	317	355
Fuel cons. (50% Prime) (L/h)	149	162	187	212	209	233
Oil capacity (L)	177	177	177	213	213	213
Coolant capacity (L)	73	73	73	120	120	120
Governor type	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
ALTERNATOR						
Make	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX
Model	TA400-1100N	TA450-1200N	TA450-1500N	TA450-1500N	TA450-1600N	TA500-1800N
Output voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400
Frequency (Hz)	50	50	50	50	50	50
AVR (±%)	1	1	1	1	1	1
Alt. standby power (kVA)	1,500	1,660	2,035	2,035	2,250	—
Alt. continuous power (kVA)	1,400	1,550	1,900	1,900	2,080	—
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8
Number of leads	12	12	12	12	12	12
Winding pitch	2/3	2/3	2/3	2/3	2/3	2/3
Protection class	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H
Excitation	Self-excited	Self-excited	Self-excited	Self-excited	PMG	PMG
AVR model	MX341B	MX341B	MX341B	MX341B	MX341B	MX341B
Efficiency (75% load) (%)	96	95.8	96	96	96	96
DIMENSIONS (OPEN SET)						
L × W × H (mm)	4900x2500x3200	4900x2500x3200	5150x2500x3200	5150x2500x3200	5150x2500x3200	5150x2500x3200
Weight (kg)	10,500	10,800	11,500	12,000	12,850	13,850
Fuel tank (L)	2,100	2,100	2,350	2,350	2,350	2,350
DIMENSIONS (CANOPIED SET)						
L × W × H (mm)	Containerised	Containerised	Containerised	Containerised	Containerised	Containerised
Weight (kg)	—	—	—	—	—	—

Diesel Generator Models

17 kVA - 2,750 kVA

Sound level: +/- 75 dB(A) (at 7 m, canopied set)

Combining Cummins engines with Stamford, Leroy Somer, Mecc Alte or Terex-brand alternators, this series offers high fuel efficiency and low operating costs and is a preferred choice for industrial facilities.

Alternator options: STAMFORD, LEROY SOMER, mecc alte

17 – 2,750 kVA

CUMMINS

MODEL	TRX CU TA 0017	TRX CU TA 0022	TRX CU TA 0027	TRX CU TA 0033	TRX CU TA 0040	TRX CU TA 0044	TRX CU TA 0055
Standby (kVA)	16.5	22	27.5	33	40	44	55
kW	13.2	17.6	22	26.4	32	35.2	44
Prime (kVA)	15	20	25	30	35	40	50
kW	12	16	20	24	28	32	40
Engine speed (rpm)	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
ENGINE							
Make	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS
Model	X1.3TAA-G1	X1.3TAA-G2	X2.7TAA-G1	X2.7TAA-G2	X2.7TAA-G8	X2.7TAA-G8	4BTAA3.3G11
Engine type	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel
Fuel injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection
Aspiration	Naturally aspirated	Naturally aspirated	Naturally aspirated	Naturally aspirated	Naturally aspirated	Naturally aspirated	Naturally aspirated
Number of cylinders	—	—	3	3	3	3	4
Bore × stroke (mm)	—	—	—	—	—	—	95 x 115
Displacement (L)	—	—	—	—	—	—	3.3
Cooling	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled
Fuel cons. (Standby) (L/h)	—	—	—	—	—	—	—
Fuel cons. (100% Prime) (L/h)	—	—	—	—	—	—	12.28
Fuel cons. (75% Prime) (L/h)	—	—	—	—	—	—	9.44
Fuel cons. (50% Prime) (L/h)	—	—	—	—	—	—	—
Oil capacity (L)	6.5	6.5	6.5	6.5	6.5	6.5	6.5
Coolant capacity (L)	5.5	5.5	5.5	8.6	8.6	8.6	8.6
Governor type	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
ALTERNATOR							
Make	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX
Model	TA160-16N2	TA180-24N2	TA180-24N2	TA180-24N2	TA180-34N2	TA180-34N2	TA180-40N2
Output voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Frequency (Hz)	50	50	50	50	50	50	50
AVR (±%)	1	1	1	1	1	1	1
Alt. standby power (kVA)	22.5	31.3	31.3	50.1	50.1	50.1	63
Alt. continuous power (kVA)	20	29	29	46	46	46	60
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Number of leads	12	12	12	12	12	12	12
Winding pitch	2/3	2/3	2/3	2/3	2/3	2/3	2/3
Protection class	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H
Excitation	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited
AVR model	SX460	SX460	SX460	SX460	SX460	SX460	SX460
Efficiency (75% load) (%)	86	88	88	88.5	88.5	88.5	90
DIMENSIONS (OPEN SET)							
L × W × H (mm)	1200x1000x1050	1200x1000x1050	1200x1000x1050	1200x1000x1050	1500x1000x1350	1500x1000x1350	1500x1000x1350
Weight (kg)	515	535	555	565	895	895	895
Fuel tank (L)	100	100	100	100	125	125	125
DIMENSIONS (CANOPIED SET)							
L × W × H (mm)	1800x1000x1250	1800x1000x1250	1800x1000x1250	1800x1000x1250	2200x1000x1550	2200x1000x1550	2200x1000x1550
Weight (kg)	715	735	755	765	1,095	1,095	1,095
Fuel tank (L)	100	100	100	100	125	125	125

17 – 2,750 kVA

CUMMINS

MODEL	TRX CU TA 0066	TRX CU TA 0090	TRX CU TA 0110	TRX CU TA 0135	TRX CU TA 0150	TRX CU TA 0170	TRX CU TA 0200
Standby (kVA)	66	90	110	135	150	170	200
kW	52.8	72	88	108	120	136	160
Prime (kVA)	62	82	100	125	140	160	180
kW	49.6	65.6	80	100	112	128	144
Engine speed (rpm)	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
ENGINE							
Make	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS
Model	4BTAA3.3G11	4BTAA3.9G4	6BTAA5.9G13	6BTAA5.9G13	QSB5.9-G1	QSB5.9-G2	QSB6.7-G14
Engine type	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel
Fuel injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection
Aspiration	Naturally aspirated	Turbocharged	Turbocharged	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled
Number of cylinders	4	4	6	6	6	6	6
Bore × stroke (mm)	95 x 115	102 x 120	102 x 120	102 x 120	102 x 120	102 x 120	107 x 124
Displacement (L)	3.3	3.9	5.9	5.9	5.9	5.9	6.7
Cooling	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled
Fuel cons. (Standby) (L/h)	—	—	—	—	—	—	—
Fuel cons. (100% Prime) (L/h)	14.97	20.31	24.6	30.25	31.91	35.95	41.69
Fuel cons. (75% Prime) (L/h)	11.45	15.23	18.32	22.5	25.92	29.93	31.78
Fuel cons. (50% Prime) (L/h)	—	—	—	—	—	21	—
Oil capacity (L)	6.5	16.4	16.4	16.4	16.4	27.6	23.8
Coolant capacity (L)	8.6	7.9	7.9	9.1	9.1	12.3	12.3
Governor type	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
ALTERNATOR							
Make	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX
Model	TA180-40N2	TA225-70N	TA225-80N	TA225-120N	TA225-120N	TA280-150N	TA280-170N
Output voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Frequency (Hz)	50	50	50	50	50	50	50
AVR (±%)	1	1	1	1	1	1	1
Alt. standby power (kVA)	73.6	90.8	110	150	150	—	220
Alt. continuous power (kVA)	67.5	85	100	140	140	—	200
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Number of leads	12	12	12	12	12	12	12
Winding pitch	2/3	2/3	2/3	2/3	2/3	2/3	2/3
Protection class	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H
Excitation	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited
AVR model	SX460	SX460	SX460	SX460	SX460	SX460	SX460
Efficiency (75% load) (%)	91	91	92	91.7	91.7	92.1	93.3
DIMENSIONS (OPEN SET)							
L × W × H (mm)	1500x1000x1350	1500x1000x1350	2100x1100x1650	2100x1100x1650	2100x1100x1650	2100x1100x1650	2100x1100x1650
Weight (kg)	1,100	1,180	1,585	1,835	2,110	2,310	2,550
Fuel tank (L)	125	125	265	265	265	265	265
DIMENSIONS (CANOPIED SET)							
L × W × H (mm)	2350x1000x1550	2350x1000x1550	3000x1100x1850	3000x1100x1850	3000x1100x1850	3000x1100x1850	3000x1100x1850
Weight (kg)	1,300	1,380	1,785	2,135	2,450	2,650	2,790
Fuel tank (L)	125	125	265	265	265	265	265

17 – 2,750 kVA

CUMMINS

MODEL	TRX CU TA 0220	TRX CU TA 0275	TRX CU TA 0330	TRX CU TA 0350	TRX CU TA 0400	TRX CU TA 0450	TRX CU TA 0550
Standby (kVA)	220	275	330	350	400	450	550
kW	176	220	264	280	320	360	440
Prime (kVA)	200	250	300	320	380	400	500
kW	160	200	240	256	304	320	400
Engine speed (rpm)	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
ENGINE							
Make	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS
Model	QSB6.7-G15	6L8.9TAA-G4	QSL9-G15	QSL9-G15	QSN14-G2	QSG14-G2	KTAA19-G10
Engine type	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel
Fuel injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection
Aspiration	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged, aftercooled
Number of cylinders	6	6	6	6	6	6	6
Bore × stroke (mm)	107 x 124	114 x 145	114 x 145	114 x 145	140 x 152	132 x 144	159 x 159
Displacement (L)	6.7	8.9	8.8	8.8	14	11.8	19
Cooling	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled
Fuel cons. (Standby) (L/h)	—	64	75	78	—	—	—
Fuel cons. (100% Prime) (L/h)	44.55	59.35	63	70	—	—	103.6
Fuel cons. (75% Prime) (L/h)	34.66	43.43	46	52	—	—	79.8
Fuel cons. (50% Prime) (L/h)	—	29	31	35	—	—	—
Oil capacity (L)	23.8	32.4	26.7	28.1	34.1	34.1	50
Coolant capacity (L)	12.3	36.8	11	55.5	48	48	85
Governor type	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
ALTERNATOR							
Make	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX
Model	TA280-170N	TA280-220N	TA280-240N	TA315-300N	TA315-300N	TA315-320N	TA315-400N
Output voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Frequency (Hz)	50	50	50	50	50	50	50
AVR (±%)	1	1	1	1	1	1	1
Alt. standby power (kVA)	220	275	330	412.5	—	450	590
Alt. continuous power (kVA)	200	250	300	375	—	400	550
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Number of leads	12	12	12	12	12	12	12
Winding pitch	2/3	2/3	2/3	2/3	2/3	2/3	2/3
Protection class	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H
Excitation	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited
AVR model	SX460	SX460	AS440	AS440	AS440	AS440	AS440
Efficiency (75% load) (%)	93.3	92.7	93	93.5	93.5	94.3	95.2
DIMENSIONS (OPEN SET)							
L × W × H (mm)	2100x1100x1650	—	—	—	—	—	—
Weight (kg)	2,700	2,850	3,200	3,400	4,575	4,875	5,125
Fuel tank (L)	265	350	350	350	1,370	1,370	1,370
DIMENSIONS (CANOPIED SET)							
L × W × H (mm)	3000x1100x1850	—	—	—	—	—	—
Weight (kg)	3,040	3,150	3,500	3,700	4,925	5,225	5,500
Fuel tank (L)	265	350	350	350	1,370	1,370	1,370

17 – 2,750 kVA

MODEL	TRX CU TA 0825	TRX CU TA 1100	TRX CU TA 1375	TRX CU TA 1650	TRX CU TA 2200	TRX CU TA 2500	TRX CU TA 2750
Standby (kVA)	825	1,100	1,375	1,650	2,200	2,500	2,750
kW	660	880	1,100	1,320	1,760	2,000	2,200
Prime (kVA)	750	1,010	1,250	1,500	2,000	2,250	2,500
kW	600	808	1,000	1,200	1,600	1,800	2,000
Engine speed (rpm)	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
ENGINE							
Make	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS
Model	KTA38-G12	KTA38G5	KTA50G4	KTA50G8	QSK60G4	QSK60G8	QSK60G23
Engine type	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel
Fuel injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection
Aspiration	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled
Number of cylinders	12	12	16	16	16	16	16
Bore × stroke (mm)	159 x 159	159 x 159	159 x 159	159 x 159	159 x 190	159 x 190	159 x 190
Displacement (L)	38	38	50.3	50.3	60.2	60.2	60.2
Cooling	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled
Fuel cons. (Standby) (L/h)	—	228	301	345	437	496	—
Fuel cons. (100% Prime) (L/h)	165	209	274	289	394	441	—
Fuel cons. (75% Prime) (L/h)	130.4	161	206	222	291	331	—
Fuel cons. (50% Prime) (L/h)	—	113	154	155	200	—	—
Oil capacity (L)	155	140	170.3	177	280	280	280
Coolant capacity (L)	330	218.5	106	496	490	490	490
Governor type	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
ALTERNATOR							
Make	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX
Model	TA355-600N	TA400-800N	TA400-1100N	TA450-1200N	TA450-1600N	TA500-1800N	TA550-2000N
Output voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Frequency (Hz)	50	50	50	50	50	50	50
AVR (±%)	0.5	0.5	0.5	1	1	1	0.5
Alt. standby power (kVA)	—	1,185	—	1,660	2,250	—	2,780
Alt. continuous power (kVA)	—	1,130	—	1,550	2,080	—	2,575
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Number of leads	6	6	6	12	12	12	6
Winding pitch	2/3	2/3	2/3	2/3	2/3	2/3	2/3
Protection class	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H
Excitation	Self-excited	Self-excited	Self-excited	Self-excited	PMG	PMG	PMG
AVR model	MX341B	MX341B	MX341B	MX341B	MX341B	MX341B	MX341B
Efficiency (75% load) (%)	94	95.4	—	95.8	96	—	96.5
DIMENSIONS (OPEN SET)							
L × W × H (mm)	4500x2200x2900	4900x2500x3200	4900x2500x3200	5150x2500x3200	5150x2500x3200	5150x2500x3200	5150x2500x3200
Weight (kg)	7,500	9,750	10,000	11,500	12,000	12,850	13,850
Fuel tank (L)	1,860	2,100	2,100	2,350	2,350	2,350	2,350
DIMENSIONS (CANOPIED SET)							
L × W × H (mm)	4500x2200x3200	4900x2500x3500	Containerised	Containerised	Containerised	Containerised	Containerised
Weight (kg)	7,900	10,600	—	—	—	—	—
Fuel tank (L)	1,860	2,100	—	—	—	—	—



MOTEURS Baudouin

Diesel Generator Models

20 kVA – 4,125 kVA

Sound level: ± 75 dB(A) (at 7 m, canopied set)

French-engineered Baudouin engines with Stamford, Mecc Alte or Terex alternator options: our widest power range, from 20 kVA to 4,125 kVA, including containerised high-power options.

Alternator options: STAMFORD | mecc alte | TEREX DIESEL

Moteurs Baudouin · STAMFORD · mecc alte · TEREX DIESEL

20 – 4,125 kVA

MODEL	TRX BD TA 0020	TRX BD TA 0025	TRX BD TA 0035	TRX BD TA 0044	TRX BD TA 0050	TRX BD TA 0055	TRX BD TA 0072
Standby (kVA)	20	25	35	44	50	55	72
kW	16	20	28	35.2	40	44	57.6
Prime (kVA)	18	23	32	40	45	50	65
kW	14.4	18.4	25.6	32	36	40	52
Engine speed (rpm)	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
ENGINE							
Make	BAUDOUIN	BAUDOUIN	BAUDOUIN	BAUDOUIN	BAUDOUIN	BAUDOUIN	BAUDOUIN
Model	4M06G2D0/S	4M06G4D0/S	4M06G6D0/S	4M06G8D0/S	4M06G50/5	4M06G10D0/S	4M10G2D0/S
Engine type	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel
Fuel injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection
Aspiration	Naturally aspirated	Naturally aspirated	Turbocharged	Turbocharged	Turbo AAC	Turbo AAC	Turbocharged
Number of cylinders	4	4	4	4	4	4	4
Bore × stroke (mm)	89 x 92	89 x 92	89 x 92	89 x 92	89 x 92	89 x 92	105 x 118
Displacement (L)	2.3	2.3	2.3	2.3	2.3	2.3	4.087
Cooling	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled
Compression ratio	17.5:1	17.5:1	17.5:1	17.5:1	17.5:1	17.5:1	17.5:1
Fuel cons. (Standby) (L/h)	5.2	7.1	8.4	10.8	11.7	13.3	16.7
Fuel cons. (100% Prime) (L/h)	4.7	6.1	7.6	9.5	10.7	11.9	15
Fuel cons. (75% Prime) (L/h)	3.6	4.5	5.7	7	8	8.9	11
Fuel cons. (50% Prime) (L/h)	2.6	3.2	4	4.7	5.4	6	7.7
Oil capacity (L)	9.5	9.5	9.5	9.5	9.5	7.35	14
Coolant capacity (L)	8.6	8.6	16	16	8.4	7.9	8.5
Governor type	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
ALTERNATOR							
Make	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX
Model	TA160-16N2	TA180-24N2	TA180-24N2	TA180-34N2	TA180-34N2	TA180-40N2	TA180-40N2
Output voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Frequency (Hz)	50	50	50	50	50	50	50
AVR (±%)	1	1	1	1	1	1	1
Alt. standby power (kVA)	22.5	31.3	50.1	50.1	50.1	63	73.6
Alt. continuous power (kVA)	20	29	46	46	46	60	67.5
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Number of leads	12	12	12	12	12	12	12
Winding pitch	2/3	2/3	2/3	2/3	2/3	2/3	2/3
Protection class	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H
Excitation	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited
AVR model	SX460	SX460	SX460	SX460	SX460	SX460	SX460
Efficiency (75% load) (%)	86	88	88.5	88.5	88.5	90	91
DIMENSIONS (OPEN SET)							
L × W × H (mm)	1200x1000x1050	1200x1000x1050	1500x1000x1350	1500x1000x1350	1500x1000x1350	1500x1000x1350	1500x1000x1350
Weight (kg)	555	565	795	895	1,100	1,175	1,250
Fuel tank (L)	100	100	125	125	125	125	125
DIMENSIONS (CANOPIED SET)							
L × W × H (mm)	1800x1000x1250	1800x1000x1250	2200x1000x1550	2200x1000x1550	2200x1000x1550	2200x1000x1550	2350x1000x1550
Weight (kg)	755	765	995	1,095	1,300	1,375	1,450
Fuel tank (L)	100	100	125	125	125	125	125

Moteurs Baudouin · STAMFORD · mecc alte · TEREX DIESEL

20 – 4,125 kVA

MODEL	TRX BD TA 0088	TRX BD TA 0110	TRX BD TA 0150	TRX BD TA 0165	TRX BD TA 0220	TRX BD TA 0250	TRX BD TA 0275
Standby (kVA)	88	110	150	165	220	250	275
kW	70.4	88	120	132	176	200	220
Prime (kVA)	80	100	135	150	200	230	250
kW	64	80	108	120	160	184	200
Engine speed (rpm)	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
ENGINE							
Make	BAUDOUIN	BAUDOUIN	BAUDOUIN	BAUDOUIN	BAUDOUIN	BAUDOUIN	BAUDOUIN
Model	4M10G4D0/S	4M10G6D0/S	6M11G2D0/S	6M11G4D0/S	6M16G2D0/S	6M16G4D0/S	6M16G6D0/S
Engine type	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel
Fuel injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection
Aspiration	Turbocharged	Turbocharged	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled
Number of cylinders	4	4	6	6	6	6	6
Bore × stroke (mm)	105 x 118	105 x 118	105 x 130	105 x 130	126 x 130	126 x 130	126 x 130
Displacement (L)	4.087	4.087	6.75	6.75	9.726	9.726	9.726
Cooling	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled
Compression ratio	17.5:1	17.5:1	18:1	18:1	17:1	17:1	17:1
Fuel cons. (Standby) (L/h)	21.3	24.43	33.1	36.1	46.9	56.4	63.4
Fuel cons. (100% Prime) (L/h)	18.8	21.3	30.2	32.6	43.1	50.9	56.9
Fuel cons. (75% Prime) (L/h)	13.5	16	23	24.6	32.4	38	42.2
Fuel cons. (50% Prime) (L/h)	9.1	10.6	15.9	16.7	22.4	25.8	28.3
Oil capacity (L)	14	14	17	17	22	22	22
Coolant capacity (L)	8.5	14.2	12	12	20	20	20
Governor type	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
ALTERNATOR							
Make	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX
Model	TA225-70N	TA225-80N	TA225-120N	TA280-150N	TA280-170N	TA280-220N	TA280-220N
Output voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Frequency (Hz)	50	50	50	50	50	50	50
AVR (±%)	1	1	1	1	1	1	1
Alt. standby power (kVA)	90.8	110	150	166.5	220	260	275
Alt. continuous power (kVA)	85	100	140	150	200	230	250
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Number of leads	12	12	12	12	12	12	12
Winding pitch	2/3	2/3	2/3	2/3	2/3	2/3	2/3
Protection class	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H
Excitation	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited
AVR model	SX460	SX460	SX460	SX460	SX460	SX460	SX460
Efficiency (75% load) (%)	91	92	91.7	92.1	93.3	92.6	92.7
DIMENSIONS (OPEN SET)							
L × W × H (mm)	2100x1100x1550	2100x1100x1550	2100x1100x1650	2100x1100x1650	2100x1100x1650	2100x1100x1650	—
Weight (kg)	1,350	1,450	1,585	1,835	2,110	2,310	2,850
Fuel tank (L)	265	265	265	265	265	265	350
DIMENSIONS (CANOPIED SET)							
L × W × H (mm)	2650x1100x1750	2650x1100x1750	3000x1100x1850	3000x1100x1850	3000x1100x1850	3000x1100x1850	—
Weight (kg)	1,550	1,650	1,785	2,135	2,450	2,650	3,150
Fuel tank (L)	265	265	265	265	265	265	350

Moteurs Baudouin · STAMFORD · mecc alte · TEREX DIESEL

20 – 4,125 kVA

MODEL	TRX BD TA 0300	TRX BD TA 0350	TRX BD TA 0400	TRX BD TA 0440	TRX BD TA 0500	TRX BD TA 0550	TRX BD TA 0660
Standby (kVA)	300	350	400	440	500	550	660
kW	240	280	320	352	400	440	528
Prime (kVA)	275	320	360	400	450	500	600
kW	220	256	288	320	360	400	480
Engine speed (rpm)	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
ENGINE							
Make	BAUDOUIN	BAUDOUIN	BAUDOUIN	BAUDOUIN	BAUDOUIN	BAUDOUIN	BAUDOUIN
Model	6M16G300/5	6M16G350/5	6M21G400/5	6M21G440/5	6M21G500/5	6M21G550/5	8M21G660/5
Engine type	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel
Fuel injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection
Aspiration	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled
Number of cylinders	6	6	6	6	6	6	8
Bore × stroke (mm)	126 x 130	126 x 130	127 x 165	127 x 165	127 x 165	127 x 165	127 x 165
Displacement (L)	9.726	9.726	12.54	12.54	12.54	12.54	16.72
Cooling	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled
Compression ratio	17:1	17:1	16:1	16:1	16:1	15.2:1	15:1
Fuel cons. (Standby) (L/h)	66.5	78.4	91.3	94.8	110.1	123.1	140.7
Fuel cons. (100% Prime) (L/h)	58.8	70.5	82.1	85.5	95.9	109.5	124.2
Fuel cons. (75% Prime) (L/h)	45.2	52.3	60.7	63.5	69.6	75.3	95.4
Fuel cons. (50% Prime) (L/h)	32.6	35.4	41	43.2	46.4	51	64.7
Oil capacity (L)	22	22	34	34	34	34	44
Coolant capacity (L)	13	20	22	22	22	37	70
Governor type	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
ALTERNATOR							
Make	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX
Model	TA280-240N	TA315-300N	TA315-300N	TA315-320N	TA315-350N	TA315-400N	TA355-470N
Output voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Frequency (Hz)	50	50	50	50	50	50	50
AVR (±%)	1	1	1	1	1	1	1
Alt. standby power (kVA)	330	412.5	412.5	450	520	590	665
Alt. continuous power (kVA)	300	375	375	400	500	550	610
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Number of leads	12	12	12	12	12	12	12
Winding pitch	2/3	2/3	2/3	2/3	2/3	2/3	2/3
Protection class	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H
Excitation	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited
AVR model	AS440	AS440	AS440	AS440	AS440	AS440	AS440
Efficiency (75% load) (%)	93	93.5	93.5	94.3	94.5	95.2	95
DIMENSIONS (OPEN SET)							
L × W × H (mm)	—	—	—	—	—	—	4500x2200x2900
Weight (kg)	3,200	3,480	4,575	4,875	5,125	5,450	7,232
Fuel tank (L)	350	350	1,370	1,370	1,370	1,370	1,860
DIMENSIONS (CANOPIED SET)							
L × W × H (mm)	—	—	—	—	—	—	4500x2200x3200
Weight (kg)	3,500	3,780	4,925	5,225	5,500	5,775	7,632
Fuel tank (L)	350	350	1,370	1,370	1,370	1,370	1,860

20 – 4,125 kVA

MODEL	TRX BD TA 0715	TRX BD TA 0750	TRX BD TA 0825	TRX BD TA 0900	TRX BD TA 1000	TRX BD TA 1100	TRX BD TA 1250
Standby (kVA)	715	750	825	900	1,000	1,120	1,250
kW	572	600	660	720	800	896	1,000
Prime (kVA)	650	680	750	815	900	1,020	1,150
kW	520	544	600	652	720	816	920
Engine speed (rpm)	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
ENGINE							
Make	BAUDOUIN	BAUDOUIN	BAUDOUIN	BAUDOUIN	BAUDOUIN	BAUDOUIN	BAUDOUIN
Model	6M33G715/5	6M33G750/5	6M33G825/5	8M33G900/5	8M33G1000/5	12M26G1100/5	12M33G1250/5
Engine type	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel
Fuel injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection
Aspiration	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbo AAC	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled
Number of cylinders	6	6	6	8	8	12	12
Bore × stroke (mm)	150 x 185	150 x 185	150 x 185	150 x 185	150 x 185	150 x 150	150 x 185
Displacement (L)	19.6	19.6	19.6	26.1	26.1	31.8	39.2
Cooling	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled
Compression ratio	15:1	15:1	15:1	15.7:1	15.7:1	15.7:1	15:1
Fuel cons. (Standby) (L/h)	153.3	171.2	174.8	190.8	218.9	228.1	262.6
Fuel cons. (100% Prime) (L/h)	136.3	151.1	159.5	173.7	195.5	207.1	236.2
Fuel cons. (75% Prime) (L/h)	100	—	114.8	133.1	146.5	155.3	175
Fuel cons. (50% Prime) (L/h)	67.1	—	77.4	90.8	100.8	106.6	119.5
Oil capacity (L)	61	61	61	109	109	109	155
Coolant capacity (L)	50	50	50	83	83	65	220
Governor type	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
ALTERNATOR							
Make	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX
Model	TA355-550N	TA355-550N	TA355-600N	TA400-640N	TA400-700N	TA400-800N	TA400-900N
Output voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Frequency (Hz)	50	50	50	50	50	50	50
AVR (±%)	1	1	0.5	0.5	0.5	0.5	0.5
Alt. standby power (kVA)	738	—	—	955	1,050	1,185	1,313
Alt. continuous power (kVA)	670	—	—	910	1,000	1,130	1,250
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Number of leads	12	12	6	6	6	6	6
Winding pitch	2/3	2/3	2/3	2/3	2/3	2/3	2/3
Protection class	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H
Excitation	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited
AVR model	AS440	AS440	MX341B	MX341B	MX341B	MX341B	MX341B
Efficiency (75% load) (%)	95.7	95.7	94	94	94.9	95.4	95.3
DIMENSIONS (OPEN SET)							
L × W × H (mm)	4500x2200x2900	4500x2200x2900	4500x2200x2900	4500x2200x2900	4900x2500x3200	4900x2500x3200	4900x2500x3200
Weight (kg)	7,482	7,500	7,500	7,800	9,500	9,750	10,000
Fuel tank (L)	1,860	1,860	1,860	1,860	2,100	2,100	2,100
DIMENSIONS (CANOPIED SET)							
L × W × H (mm)	4500x2200x3200	4500x2200x3200	4500x2200x3200	4500x2200x3200	4900x2500x3500	4900x2500x3500	Containerised
Weight (kg)	7,882	7,900	7,900	8,200	10,350	10,600	—
Fuel tank (L)	1,860	1,860	1,860	1,860	2,100	2,100	—

Moteurs Baudouin · STAMFORD · mecc alte · TEREX DIESEL

20 – 4,125 kVA

MODEL	TRX BD TA 1400	TRX BD TA 1500	TRX BD TA 1650	TRX BD TA 1900	TRX BD TA 2000	TRX BD TA 2250	TRX BD TA 2500
Standby (kVA)	1,400	1,500	1,650	1,900	2,000	2,250	2,500
kW	1,120	1,200	1,320	1,520	1,600	1,800	2,000
Prime (kVA)	1,250	1,375	1,500	1,750	1,830	2,050	2,250
kW	1,000	1,100	1,200	1,400	1,464	1,640	1,800
Engine speed (rpm)	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
ENGINE							
Make	BAUDOUIN	BAUDOUIN	BAUDOUIN	BAUDOUIN	BAUDOUIN	BAUDOUIN	BAUDOUIN
Model	12M33G1400/5	12M33G1500/5	12M33G1650/5	16M33G1900/5	16M33G2000/5	16M33G2250/5	20M33G2500/5
Engine type	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel
Fuel injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection
Aspiration	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled
Number of cylinders	12	12	12	16	16	16	20
Bore × stroke (mm)	150 x 185	150 x 185	150 x 185	150 x 185	150 x 185	150 x 185	150 x 185
Displacement (L)	39.2	39.2	39.2	52.3	52.3	52.3	65.4
Cooling	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled
Compression ratio	15:1	15:1	15:1	15:1	15:1	14:1	15:1
Fuel cons. (Standby) (L/h)	288.8	330.5	354.2	407.6	446.8	484.6	538.5
Fuel cons. (100% Prime) (L/h)	258.6	296.9	324	364.3	401	428.6	466.4
Fuel cons. (75% Prime) (L/h)	190.7	214.4	234.2	265.4	290.7	311.3	360.7
Fuel cons. (50% Prime) (L/h)	129.2	146.2	156.1	179.7	194.7	208.8	240.5
Oil capacity (L)	155	155	155	171	171	171	240
Coolant capacity (L)	220	220	220	270	270	412	270
Governor type	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
ALTERNATOR							
Make	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX
Model	TA400-1100N	TA400-1100N	TA450-1200N	TA450-1500N	TA450-1500N	TA450-1600N	TA500-1800N
Output voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Frequency (Hz)	50	50	50	50	50	50	50
AVR (±%)	0.5	1	1	1	1	1	1
Alt. standby power (kVA)	—	1,500	1,660	2,035	2,035	2,250	—
Alt. continuous power (kVA)	—	1,400	1,550	1,900	1,900	2,080	—
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Number of leads	6	12	12	12	12	12	12
Winding pitch	2/3	2/3	2/3	2/3	2/3	2/3	2/3
Protection class	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H
Excitation	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	PMG	PMG
AVR model	MX341B	MX341B	MX341B	MX341B	MX341B	MX341B	MX341B
Efficiency (75% load) (%)	95	96	95.8	96	96	96	96
DIMENSIONS (OPEN SET)							
L × W × H (mm)	4900x2500x3200	4900x2500x3200	5150x2500x3200	5150x2500x3200	5150x2500x3200	5150x2500x3200	5150x2500x3200
Weight (kg)	10,500	10,800	11,500	12,000	12,850	13,850	14,900
Fuel tank (L)	2,100	2,100	2,350	2,350	2,350	2,350	2,350
DIMENSIONS (CANOPIED SET)							
L × W × H (mm)	Containerised	Containerised	Containerised	Containerised	Containerised	Containerised	Containerised
Weight (kg)	—	—	—	—	—	—	—
Fuel tank (L)	—	—	—	—	—	—	—

20 – 4,125 kVA

MODEL	TRX BD TA 2750	TRX BD TA 3125	TRX BD TA 3313	TRX BD TA 3750	TRX BD TA 4125
Standby (kVA)	2,750	3,125	3,313	3,750	4,125
kW	2,200	2,500	2,650.4	3,000	3,300
Prime (kVA)	2,500	2,813	3,000	3,250	3,750
kW	2,000	2,250.4	2,400	2,600	3,000
Engine speed (rpm)	1,500	1,500	1,500	1,500	1,500
Voltage (V)	230/400	230/400	230/400	230/400	230/400
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8
ENGINE					
Make	BAUDOUIN	BAUDOUIN	BAUDOUIN	BAUDOUIN	BAUDOUIN
Model	12M55G2750/5	16M55G3000/5	16M55G3300/5	16M55G3750/5	16M55G4000/5
Engine type	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel
Fuel injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection
Aspiration	Turbocharged, air-to-water aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled
Number of cylinders	12	16	16	16	16
Bore × stroke (mm)	180 x 215	180 x 215	180 x 215	180 x 215	180 x 215
Displacement (L)	65.65	87.5	87.5	87.5	87.5
Cooling	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled
Compression ratio	16.5:1	16.5:1	16.5:1	16.5:1	16.5:1
Fuel cons. (Standby) (L/h)	577.2	630.2	656.5	754.4	843.4
Fuel cons. (100% Prime) (L/h)	513.6	570.8	602.5	660.4	755.1
Fuel cons. (75% Prime) (L/h)	381.3	428.3	472.5	494.7	557.2
Fuel cons. (50% Prime) (L/h)	263.3	291.1	331	345.5	384.2
Oil capacity (L)	380	500	500	500	500
Coolant capacity (L)	306	350.5	350.5	350.5	350.5
Governor type	Electronic	Electronic	Electronic	Electronic	Electronic
ALTERNATOR					
Make	TEREX	TEREX	TEREX	TEREX	TEREX
Model	TA550-2000N	TA550-2250N	TA600-2700N	TA600-3100N	TA650-3750N
Output voltage (V)	230/400	230/400	230/400	230/400	230/400
Frequency (Hz)	50	50	50	50	50
AVR (±%)	0.5	1	1	1	1
Alt. standby power (kVA)	2,780	3,150	3,500	3,750	4,125
Alt. continuous power (kVA)	2,575	2,930	3,250	3,500	3,850
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8
Number of leads	6	12	12	12	12
Winding pitch	2/3	2/3	2/3	2/3	2/3
Protection class	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H
Excitation	PMG	PMG	PMG	PMG	PMG
AVR model	MX341B	DAVR	DAVR	DAVR	DAVR
Efficiency (75% load) (%)	96.5	96.5	96.5	96.5	96.5
DIMENSIONS (OPEN SET)					
L × W × H (mm)	Containerised	Containerised	Containerised	Containerised	Containerised
Weight (kg)	—	—	—	—	—
Fuel tank (L)	—	—	—	—	—
DIMENSIONS (CANOPIED SET)					
L × W × H (mm)	Containerised	Containerised	Containerised	Containerised	Containerised
Weight (kg)	—	—	—	—	—
Fuel tank (L)	—	—	—	—	—



FPT IVECO

Diesel Generator Models

22 kVA – 660 kVA

Sound level: ± 75 dB(A) (at 7 m, canopied set)

Our FPT Iveco-powered sets, with Stamford, Leroy Somer, Mecc Alte or Terex alternator options, are ideal for urban and commercial applications thanks to their compact design and low noise level.

Alternator options: STAMFORD, LEROY SOMER, mecc alte, TEREX DIESEL

22 – 660 kVA

MODEL	TRX IV TA 0022	TRX IV TA 0033	TRX IV TA 0044	TRX IV TA 0055	TRX IV TA 0066	TRX IV TA 0082	TRX IV TA 0088
Standby (kVA)	22	33	44	55	66	82	88
kW	17.6	26.4	35.2	44	52.8	65.6	70.4
Prime (kVA)	20	30	40	50	60	74	80
kW	16	24	32	40	48	59.2	64
Engine speed (rpm)	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
ENGINE							
Make	FPT IVECO	FPT IVECO	FPT IVECO	FPT IVECO	FPT IVECO	FPT IVECO	FPT IVECO
Model	R24NA	R24	R24	NEF45AM2	NEF45SM1A	NEF45SM2A-5	NEF45SM3
Engine type	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel
Fuel injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection
Aspiration	Naturally aspirated	Turbocharged	Turbocharged	Naturally aspirated	Turbocharged	Turbocharged	Turbocharged
Number of cylinders	—	4	4	4	4	4	4
Bore × stroke (mm)	—	87 x 103	87 x 103	104 x 132	104 x 132	104 x 132	104 x 132
Displacement (L)	—	2.4	2.4	4.5	4.5	4.5	4.5
Cooling	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled
Compression ratio	17:1	17:1	17.5:1	17.5:1	17.5:1	17.5:1	17.5:1
Fuel cons. (Standby) (L/h)	6.6	10.6	—	—	15	19	21.2
Fuel cons. (100% Prime) (L/h)	6	8.8	10.2	—	13.7	17.1	19.4
Fuel cons. (75% Prime) (L/h)	4.5	7.15	—	—	10.2	12.7	15.4
Fuel cons. (50% Prime) (L/h)	3.2	4.7	5.4	—	7	8.6	9.6
Oil capacity (L)	7.7	12.8	12.8	12.8	12.8	12.8	12.8
Coolant capacity (L)	14	18.5	18.5	18.5	18.5	18.5	18.5
Governor type	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
ALTERNATOR							
Make	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX
Model	TA160-16N2	TA180-24N2	TA180-34N2	TA180-40N2	TA180-40N2	TA225-70N	TA225-70N
Output voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Frequency (Hz)	50	50	50	50	50	50	50
AVR (±%)	1	1	1	1	1	1	1
Alt. standby power (kVA)	22.5	—	50.1	63	—	90.8	90.8
Alt. continuous power (kVA)	20	—	46	60	—	85	85
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Number of leads	12	12	12	12	12	12	12
Winding pitch	2/3	2/3	2/3	2/3	2/3	2/3	2/3
Protection class	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H
Excitation	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited
AVR model	SX460	SX460	SX460	SX460	SX460	SX460	SX460
Efficiency (75% load) (%)	86	88	88.5	90	90	91	91
Dimensions (open set)							
L × W × H (mm)	1200x1000x1050	1200x1000x1050	1500x1000x1350	1500x1000x1350	1500x1000x1350	1500x1000x1350	1500x1000x1350
Weight (kg)	555	565	795	895	1,100	1,180	1,250
Fuel tank (L)	100	100	125	125	125	125	125
DIMENSIONS (CANOPIED SET)							
L × W × H (mm)	1800x1000x1250	1800x1000x1250	2200x1000x1550	2200x1000x1550	2350x1000x1550	2350x1000x1550	2350x1000x1550
Weight (kg)	755	765	995	1,095	1,300	1,380	1,450
Fuel tank (L)	100	100	125	125	125	125	125

22 – 660 kVA

MODEL	TRX IV TA 0094	TRX IV TA 0110	TRX IV TA 0132	TRX IV TA 0140	TRX IV TA 0150	TRX IV TA 0185	TRX IV TA 0200
Standby (kVA)	94	110	132	140	150	185	200
kW	75.2	88	105.6	112	120	148	160
Prime (kVA)	85	100	120	125	135	165	180
kW	68	80	96	100	108	132	144
Engine speed (rpm)	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
ENGINE							
Make	FPT IVECO	FPT IVECO	FPT IVECO	FPT IVECO	FPT IVECO	FPT IVECO	FPT IVECO
Model	NEF45TM1A	NEF45TM2A	NEF45TM3	NEF67SM1	NEF67TM2A	NEF67TM3A	NEF67TM4
Engine type	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel
Fuel injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection
Aspiration	Turbo AAC	Turbo AAC	Turbo AAC	Turbocharged	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled
Number of cylinders	4	4	4	6	6	6	6
Bore × stroke (mm)	104 x 132	104 x 132	104 x 132	104 x 132	104 x 132	104 x 132	104 x 132
Displacement (L)	4.5	4.5	4.5	6.7	6.7	6.7	6.7
Cooling	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled
Compression ratio	17.5:1	17.5:1	17.5:1	17.5:1	17.5:1	17.5:1	17.5:1
Fuel cons. (Standby) (L/h)	21.4	24.4	30.4	—	—	39	42.2
Fuel cons. (100% Prime) (L/h)	19.3	22	27.6	—	—	36	36.6
Fuel cons. (75% Prime) (L/h)	14.4	16.2	21.6	—	—	29	29.4
Fuel cons. (50% Prime) (L/h)	8.2	11	14.4	—	—	18	18
Oil capacity (L)	12.8	12.8	12.8	17.2	17.2	17.2	17.2
Coolant capacity (L)	18.5	18.5	18.5	25.5	25.5	25.5	25.5
Governor type	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
ALTERNATOR							
Make	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX
Model	TA225-80N	TA225-80N	TA225-120N	TA225-120N	TA225-120N	TA280-165N	TA280-165N
Output voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Frequency (Hz)	50	50	50	50	50	50	50
AVR (±%)	1	1	1	1	1	1	1
Alt. standby power (kVA)	110	110	150	150	150	200	200
Alt. continuous power (kVA)	100	100	140	140	140	182	182
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Number of leads	12	12	12	12	12	12	12
Winding pitch	2/3	2/3	2/3	2/3	2/3	2/3	2/3
Protection class	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H
Excitation	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited
AVR model	SX460	SX460	SX460	SX460	SX460	SX460	SX460
Efficiency (75% load) (%)	92	92	91.7	91.7	91.7	92.1	92.1
Dimensions (open set)							
L × W × H (mm)	2100x1100x1550	2100x1100x1550	2100x1100x1650	2100x1100x1650	2100x1100x1650	2100x1100x1650	2100x1100x1650
Weight (kg)	1,350	1,450	1,585	1,835	2,110	2,310	2,550
Fuel tank (L)	265	265	265	265	265	265	265
DIMENSIONS (CANOPIED SET)							
L × W × H (mm)	2650x1100x1750	2650x1100x1750	3000x1100x1850	3000x1100x1850	3000x1100x1850	3000x1100x1850	3000x1100x1850
Weight (kg)	1,530	1,630	1,785	2,135	2,450	2,650	2,790
Fuel tank (L)	265	265	265	265	265	265	265

22 – 660 kVA

MODEL	TRX IV TA 0220	TRX IV TA 0275	TRX IV TA 0330	TRX IV TA 0385	TRX IV TA 0440	TRX IV TA 0500	TRX IV TA 0550
Standby (kVA)	220	275	330	385	440	500	550
kW	176	220	264	308	352	400	440
Prime (kVA)	200	250	300	350	400	450	500
kW	160	200	240	280	320	360	400
Engine speed (rpm)	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
ENGINE							
Make	FPT IVECO	FPT IVECO	FPT IVECO	FPT IVECO	FPT IVECO	FPT IVECO	FPT IVECO
Model	NEF67TM7	NEF67TE8W	C87TE4	C13TE2A	C13TE3A	CR13TE6W	CURSOR13TE7W
Engine type	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel
Fuel injection	Direct injection	Common rail	Common rail	Direct injection (EUI)	Direct injection (EUI)	Electronic common rail	Electronic common rail
Aspiration	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbo AAC	Turbo AAC	Turbo AAC
Number of cylinders	6	6	6	6	6	6	6
Bore × stroke (mm)	104 x 132	104 x 132	117 x 135	135 x 150	135 x 150	135 x 150	135 x 150
Displacement (L)	6.73	6.7	8.7	12.88	12.88	12.88	12.88
Cooling	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled
Compression ratio	17.5:1	17:1	15.9:1	16.5:1	16.5:1	16.5:1	16.5:1
Fuel cons. (Standby) (L/h)	—	59.2	72.4	77.9	100.5	100.2	112.6
Fuel cons. (100% Prime) (L/h)	—	51.5	66.6	70	85.8	89.9	100.6
Fuel cons. (75% Prime) (L/h)	—	41.2	52.6	57.3	70.4	72.5	80.2
Fuel cons. (50% Prime) (L/h)	—	26.2	37.3	38.8	42.8	51.8	51.5
Oil capacity (L)	17.2	17.2	28	35	35	32	32
Coolant capacity (L)	25.5	25.5	58	67	68	38.1	38.1
Governor type	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
ALTERNATOR							
Make	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX
Model	TA280-170N	TA280-220N	TA280-240N	TA315-300N	TA315-320N	TA315-350N	TA315-400N
Output voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Frequency (Hz)	50	50	50	50	50	50	50
AVR (±%)	1	1	1	1	1	1	1
Alt. standby power (kVA)	220	275	330	412.5	450	520	590
Alt. continuous power (kVA)	200	250	300	375	400	500	550
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Number of leads	12	12	12	12	12	12	12
Winding pitch	2/3	2/3	2/3	2/3	2/3	2/3	2/3
Protection class	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H
Excitation	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited
AVR model	SX460	SX460	AS440	AS440	AS440	AS440	AS440
Efficiency (75% load) (%)	93.3	92.7	93	93.5	94.3	94.5	95.2
Dimensions (open set)							
L × W × H (mm)	2100x1100x1650	—	—	—	—	—	—
Weight (kg)	2,650	2,850	3,200	3,300	4,575	4,875	5,125
Fuel tank (L)	265	350	350	350	1,370	1,370	1,370
DIMENSIONS (CANOPIED SET)							
L × W × H (mm)	3000x1100x1850	—	—	—	—	—	—
Weight (kg)	2,890	3,150	3,500	3,600	4,925	5,225	5,500

FPT IVECO

22 – 660 kVA

MODEL	TRX IV TA 0660
Standby (kVA)	660
kW	528
Prime (kVA)	600
kW	480
Engine speed (rpm)	1,500
Voltage (V)	230/400
Power factor (cos φ)	0.8
ENGINE	
Make	FPT IVECO
Model	CR16TE1W
Engine type	4-stroke diesel
Fuel injection	Direct injection (EUI)
Aspiration	Turbocharged, intercooled
Number of cylinders	6
Bore × stroke (mm)	141 x 170
Displacement (L)	15.9
Cooling	Water-cooled
Compression ratio	16.5:1
Fuel cons. (Standby) (L/h)	132
Fuel cons. (100% Prime) (L/h)	115
Fuel cons. (75% Prime) (L/h)	85
Fuel cons. (50% Prime) (L/h)	57
Oil capacity (L)	32
Coolant capacity (L)	52.5
Governor type	Electronic
ALTERNATOR	
Make	TEREX
Model	TA355-470N
Output voltage (V)	230/400
Frequency (Hz)	50
AVR (±%)	1
Alt. standby power (kVA)	665
Alt. continuous power (kVA)	610
Power factor (cos φ)	0.8
Number of leads	12
Winding pitch	2/3
Protection class	IP23/H
Excitation	Self-excited
AVR model	AS440
Efficiency (75% load) (%)	95
Dimensions (open set)	
L × W × H (mm)	4500x2200x2900
Weight (kg)	7,232
Fuel tank (L)	1,860
DIMENSIONS (CANOPIED SET)	
L × W × H (mm)	4500x2200x3200
Weight (kg)	7,632
Fuel tank (L)	1,860



VOLVO PENTA

Diesel Generator Models

220 kVA – 825 kVA

Sound level: ± 75 dB(A) (at 7 m, canopied set)

Medium to high power generators with Volvo Penta engines and Stamford, Mecc Alte or Terex alternator options: a durable solution for facilities with demanding duty cycles.

Alternator options: STAMFORD mecc alte TEREX DIESEL

VOLVO PENTA · STAMFORD · mecc alte · TEREX DIESEL

220 – 825 kVA

MODEL	TRX VL TA 0220	TRX VL TA 0275	TRX VL TA 0330	TRX VL TA 0350	TRX VL TA 0385	TRX VL TA 0415	TRX VL TA 0440
Standby (kVA)	220	275	330	350	385	415	440
kW	176	220	264	280	308	332	352
Prime (kVA)	200	250	300	326	350	375	400
kW	160	200	240	260.8	280	300	320
Engine speed (rpm)	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
ENGINE							
Engine output power (kW)	206	254	299	320	313	335	364
Make	VOLVO PENTA	VOLVO PENTA	VOLVO PENTA	VOLVO PENTA	VOLVO PENTA	VOLVO PENTA	VOLVO PENTA
Model	TAD840GE	TAD841GE	TAD842GE	TAD843GE	TAD1342GE	TAD1343GE	TAD1344GE
Engine type	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel
Fuel injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection
Aspiration	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged
Number of cylinders	6	6	6	6	6	6	6
Bore × stroke (mm)	110 x 135	110 x 135	110 x 135	110 x 135	131 x 158	131 x 158	131 x 158
Displacement (L)	7.7	7.7	7.7	7.7	12.78	12.78	12.78
Cooling	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled
Compression ratio	17.5:1	17.5:1	17:1	17:1	18.5:1	18.5:1	18.5:1
Fuel cons. (Standby) (L/h)	49.44	62.8	—	—	76.5	82.6	89.4
Fuel cons. (100% Prime) (L/h)	44.9	60	—	—	69.3	74.3	80.9
Fuel cons. (75% Prime) (L/h)	—	—	—	—	52.2	56	61.3
Fuel cons. (50% Prime) (L/h)	—	—	—	—	35.9	38.3	41.7
Oil capacity (L)	27	27	27	27	30	36	36
Coolant capacity (L)	19	19	19	19	20	24	24
Governor type	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
ALTERNATOR							
Make	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX
Model	TA280-170N	TA280-220N	TA280-240N	TA315-300N	TA315-300N	TA315-320N	TA315-320N
Output voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Frequency (Hz)	50	50	50	50	50	50	50
AVR (±%)	1	1	1	1	1	1	1
Alt. standby power (kVA)	220	275	330	412.5	412.5	450	450
Alt. continuous power (kVA)	200	250	300	375	375	400	400
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Number of leads	12	12	12	12	12	12	12
Winding pitch	2/3	2/3	2/3	2/3	2/3	2/3	2/3
Protection class	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H
Excitation	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited
AVR model	SX460	SX460	AS440	AS440	AS440	AS440	AS440
Efficiency (75% load) (%)	93.3	92.7	93	93.5	93.5	94.3	94.3
DIMENSIONS (OPEN SET)							
L × W × H (mm)	2100x1100x1650	—	—	—	—	—	—
Weight (kg)	2,550	2,850	3,000	3,200	3,400	4,575	4,875
Fuel tank (L)	265	350	350	350	350	1,370	1,370
DIMENSIONS (CANOPIED SET)							
L × W × H (mm)	3000x1100x1850	—	—	—	—	—	—
Weight (kg)	2,790	3,150	3,300	3,500	3,700	4,925	5,225
Fuel tank (L)	265	350	350	350	350	1,370	1,370

VOLVO PENTA · STAMFORD · mecc alte · TEREX DIESEL

220 – 825 kVA

MODEL	TRX VL TA 0500	TRX VL TA 0550	TRX VL TA 0630	TRX VL TA 0715	TRX VL TA 0770	TRX VL TA 0825
Standby (kVA)	500	550	630	715	770	825
kW	400	440	504	572	616	660
Prime (kVA)	450	500	592	652	700	750
kW	360	400	473.6	521.6	560	600
Engine speed (rpm)	1,500	1,500	1,500	1,500	1,500	1,500
Voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8
ENGINE						
Engine output power (kW)	398	482	514	575	616	758
Make	VOLVO PENTA	VOLVO PENTA	VOLVO PENTA	VOLVO PENTA	VOLVO PENTA	VOLVO PENTA
Model	TAD1345GE	TAD1346GE	TAD1642GE	TWD1644GE	TWD1645GE	TWD1744GE
Engine type	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel
Fuel injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection
Aspiration	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged
Number of cylinders	6	6	6	6	6	6
Bore × stroke (mm)	131 x 158	131 x 158	144 x 165	144 x 165	144 x 165	149 x 165
Displacement (L)	12.78	12.78	16.12	16.12	16.12	17.26
Cooling	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled
Compression ratio	18.5:1	18.5:1	16.8:1	16.8:1	16.8:1	16.8:1
Fuel cons. (Standby) (L/h)	100.1	106.9	131.9	138.3	155.8	164
Fuel cons. (100% Prime) (L/h)	89.1	97.1	118.6	131.7	150	149
Fuel cons. (75% Prime) (L/h)	67.2	75.5	87.6	—	—	111.7
Fuel cons. (50% Prime) (L/h)	45.5	50.6	58.4	—	—	75.6
Oil capacity (L)	36	42	48	48	48	48
Coolant capacity (L)	24	33	33	33	33	33
Governor type	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
ALTERNATOR						
Make	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX
Model	TA315-350N	TA315-400N	TA355-470N	TA355-550N	TA355-600N	TA400-640N
Output voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400
Frequency (Hz)	50	50	50	50	50	50
AVR (±%)	1	1	1	1	0.5	0.5
Alt. standby power (kVA)	520	590	665	738	790	955
Alt. continuous power (kVA)	500	550	610	670	750	910
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8
Number of leads	12	12	12	12	6	6
Winding pitch	2/3	2/3	2/3	2/3	2/3	2/3
Protection class	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H
Excitation	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited
AVR model	AS440	AS440	AS440	AS440	MX341B	MX341B
Efficiency (75% load) (%)	94.5	95.2	95	95.7	94	94
DIMENSIONS (OPEN SET)						
L × W × H (mm)	—	—	4500x2200x2900	4500x2200x2900	4500x2200x2900	4500x2200x2900
Weight (kg)	5,125	5,450	7,232	7,482	7,500	7,800
Fuel tank (L)	1,370	1,370	1,860	1,860	1,860	1,860
DIMENSIONS (CANOPIED SET)						
L × W × H (mm)	—	—	4500x2200x3200	4500x2200x3200	4500x2200x3200	4500x2200x3200
Weight (kg)	5,500	5,775	7,632	7,882	7,900	8,200
Fuel tank (L)	1,370	1,370	1,860	1,860	1,860	1,860

VOLVO PENTA



SCANIA

Diesel Generator Models

250 kVA – 825 kVA

Sound level: ± 75 dB(A) (at 7 m, canopied set)

A high-power series with Scania engines and Stamford, Mecc Alte or Terex alternator options, designed for the critical standby power needs of data centres, hospitals and large industrial facilities. Trailer-mounted/mobile options are available.

Alternator options: STAMFORD | mecc alte | TEREX DIESEL

250 – 825 kVA

MODEL	TRX SC TA 0250	TRX SC TA 0300	TRX SC TA 0360	TRX SC TA 0400	TRX SC TA 0450	TRX SC TA 0500	TRX SC TA 0550
Standby (kVA)	250	300	360	400	450	500	550
kW	200	240	288	320	360	400	440
Prime (kVA)	200	240	329	365	400	455	500
kW	160	192	263.2	292	320	364	400
Engine speed (rpm)	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
ENGINE							
Make	SCANIA	SCANIA	SCANIA	SCANIA	SCANIA	SCANIA	SCANIA
Model	DC09072A 02-11	DC09072A 02-13	DC09072A 02-14	DC13072A 02-11	DC13072A 02-12	DC13072A 02-13	DC13072A 02-14
Engine type	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel
Fuel injection	—	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection
Aspiration	Turbocharged, intercooled	Turbocharged, intercooled	Turbocharged, intercooled	Turbocharged, intercooled	Turbocharged, intercooled	Turbocharged, intercooled	Turbocharged, intercooled
Number of cylinders	5	5	5	6	6	6	6
Bore × stroke (mm)	130 x 140	130 x 140	130 x 140	130 x 160	130 x 160	130 x 160	130 x 160
Displacement (L)	9.3	9.3	9.3	12.7	12.7	12.7	12.7
Cooling	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled
Compression ratio	16:1	16:1	16:1	16.3:1	16.3:1	16.3:1	16.3:1
Fuel cons. (Standby) (L/h)	55.88	67.76	74.47	77.66	87.45	98.12	110
Fuel cons. (100% Prime) (L/h)	50.8	61.6	67.7	70.6	79.5	89.2	100
Fuel cons. (75% Prime) (L/h)	37.7	44.3	48.7	53.2	59	65.8	71
Fuel cons. (50% Prime) (L/h)	26.1	30.1	32.8	36	40	44	47
Oil capacity (L)	36	36	36	45	45	45	45
Coolant capacity (L)	38	38	38	45	45	45	45
Governor type	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
ALTERNATOR							
Make	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX
Model	TA280-220N	TA280-240N	TA315-300N	TA315-300N	TA315-320N	TA315-350N	TA315-400N
Output voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Frequency (Hz)	50	50	50	50	50	50	50
AVR (±%)	1	1	1	1	1	1	1
Alt. standby power (kVA)	260	330	412.5	412.5	450	520	590
Alt. continuous power (kVA)	230	300	375	375	400	500	550
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Number of leads	12	12	12	12	12	12	12
Winding pitch	2/3	2/3	2/3	2/3	2/3	2/3	2/3
Protection class	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H
Excitation	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited
AVR model	SX460	AS440	AS440	AS440	AS440	AS440	AS440
Efficiency (75% load) (%)	92.6	93	93.5	93.5	94.3	94.5	95.2
DIMENSIONS (OPEN SET)							
L × W × H (mm)	2100x1100x1650	—	—	—	—	—	—
Weight (kg)	2,550	2,850	3,200	4,575	4,875	5,125	5,450
Fuel tank (L)	265	350	350	1,370	1,370	1,370	1,370
DIMENSIONS (CANOPIED SET)							
L × W × H (mm)	3000x1100x1850	—	—	—	—	—	—
Weight (kg)	2,790	3,150	3,500	4,925	5,225	5,500	5,775
Fuel tank (L)	265	350	350	1,370	1,370	1,370	1,370

SCANIA

SCANIA STAMFORD meccalte TEREX DIESEL

250 – 825 kVA

MODEL	TRX SC TA 0615	TRX SC TA 0660	TRX SC TA 0715	TRX SC TA 0750	TRX SC TA 0825
Standby (kVA)	615	660	715	750	825
kW	492	528	572	600	660
Prime (kVA)	560	600	650	675	742.5
kW	448	480	520	540	594
Engine speed (rpm)	1,500	1,500	1,500	1,500	1,500
Voltage (V)	230/400	230/400	230/400	230/400	230/400
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8
ENGINE					
Make	SCANIA	SCANIA	SCANIA	SCANIA	SCANIA
Model	DC16093A 02-52	DC16093A 02-53	DC16093A 02-54	DC16072A 02-12	DC16072A 02-13
Engine type	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel
Fuel injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection
Aspiration	Turbocharged, intercooled	Turbocharged, intercooled	Turbocharged, intercooled	Turbocharged, intercooled	Turbocharged, intercooled
Number of cylinders	8	8	8	8	8
Bore × stroke (mm)	130 x 154	130 x 154	130 x 154	130 x 154	130 x 154
Displacement (L)	16.4	16.4	16.4	16.4	16.4
Cooling	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled
Compression ratio	16.7:1	16.7:1	16.7:1	16.7:1	16.7:1
Fuel cons. (Standby) (L/h)	121	133.76	143.99	146.08	155.1
Fuel cons. (100% Prime) (L/h)	110	121.6	130.9	132.8	141
Fuel cons. (75% Prime) (L/h)	82	91	98	91	104.8
Fuel cons. (50% Prime) (L/h)	56	56	66	64	70.8
Oil capacity (L)	45	45	45	45	45
Coolant capacity (L)	68	68	68	68	68
Governor type	Electronic	Electronic	Electronic	Electronic	Electronic
ALTERNATOR					
Make	TEREX	TEREX	TEREX	TEREX	TEREX
Model	TA355-470N	TA355-470N	TA355-550N	TA355-550N	TA355-600N
Output voltage (V)	230/400	230/400	230/400	230/400	230/400
Frequency (Hz)	50	50	50	50	50
AVR (±%)	1	1	1	1	0.5
Alt. standby power (kVA)	665	665	738	—	—
Alt. continuous power (kVA)	610	610	670	—	—
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8
Number of leads	12	12	12	12	6
Winding pitch	2/3	2/3	2/3	2/3	2/3
Protection class	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H
Excitation	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited
AVR model	AS440	AS440	AS440	AS440	MX341B
Efficiency (75% load) (%)	95	95	95.7	95.7	94
DIMENSIONS (OPEN SET)					
L × W × H (mm)	4500x2200x2900	4500x2200x2900	4500x2200x2900	4500x2200x2900	4500x2200x2900
Weight (kg)	7,232	7,482	7,500	7,800	8,100
Fuel tank (L)	1,860	1,860	1,860	1,860	1,860
DIMENSIONS (CANOPIED SET)					
L × W × H (mm)	4500x2200x3200	4500x2200x3200	4500x2200x3200	4500x2200x3200	4500x2200x3200
Weight (kg)	7,632	7,882	7,900	8,200	8,500
Fuel tank (L)	1,860	1,860	1,860	1,860	1,860



SDEC

Diesel Generator Models

76 kVA – 1,100 kVA

Sound level: ± 75 dB(A) (at 7 m, canopied set)

A cost-effective and reliable medium to high power generator series built with SDEC engines and Terex alternators.

Alternator options: TEREX DIESEL

76 – 1,100 kVA

MODEL	TRX SD TA 0076	TRX SD TA 0100	TRX SD TA 0135	TRX SD TA 0150	TRX SD TA 0175	TRX SD TA 0200	TRX SD TA 0225
Standby (kVA)	76	100	135	150	175	200	225
kW	60.8	80	108	120	140	160	180
Prime (kVA)	69	91	123	136	159	182	205
kW	55.2	72.8	98.4	108.8	127.2	145.6	164
Engine speed (rpm)	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
ENGINE							
Make	SDEC	SDEC	SDEC	SDEC	SDEC	SDEC	SDEC
Model	SC4H95D2	SC4H115D2	SC4H160D2	SC4H180D2	SC7H230D2	SC7H230D2	SC7H250D2
Engine type	4 vertical in-line	4 vertical in-line	4 vertical in-line	4 vertical in-line	6 vertical in-line	6 vertical in-line	6 vertical in-line
Fuel injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection
Aspiration	Turbocharged	Turbocharged	Turbo AAC	Turbo AAC	Turbo AAC	Turbo AAC	Turbo AAC
Number of cylinders	4	4	4	4	6	6	6
Bore × stroke (mm)	105 x 124	105 x 124	105 x 124	105 x 124	105 x 124	105 x 124	105 x 124
Displacement (L)	4.3	4.3	4.3	4.3	6.44	6.44	6.44
Cooling	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled
Compression ratio	17.3:1	17.3:1	16:1	16:1	16:1	16:1	16:1
Fuel cons. (Standby) (L/h)	16.3	22.2	27.5	31.5	39.6	39.6	43.2
Fuel cons. (100% Prime) (L/h)	14.8	20.2	25	28.6	36	36	39.3
Fuel cons. (75% Prime) (L/h)	11	15.2	16.7	21.4	26.8	26.8	29.1
Fuel cons. (50% Prime) (L/h)	7.5	10.3	12.8	14.4	17.8	17.8	19.4
Oil capacity (L)	13	13	13	13	17.5	17.5	17.5
Coolant capacity (L)	23.8	23.8	23.8	23.8	31.1	31.1	31.1
Governor type	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
ALTERNATOR							
Make	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX
Model	TA225-70N	TA225-80N	TA225-120N	TA225-120N	TA280-165N	TA280-165N	TA280-170N
Output voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Frequency (Hz)	50	50	50	50	50	50	50
AVR (±%)	1	1	1	1	1	1	1
Alt. standby power (kVA)	90.8	110	150	150	200	200	—
Alt. continuous power (kVA)	85	100	140	140	182	182	—
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Number of leads	12	12	12	12	12	12	12
Winding pitch	2/3	2/3	2/3	2/3	2/3	2/3	2/3
Protection class	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H
Excitation	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited
AVR model	SX460	SX460	SX460	SX460	SX460	SX460	SX460
Efficiency (75% load) (%)	91	92	91.7	91.7	92.1	92.1	93.3
Dimensions (open set)							
L × W × H (mm)	1500x1000x1350	1500x1000x1350	2100x1100x1550	2100x1100x1650	2100x1100x1650	2100x1100x1650	2100x1100x1650
Weight (kg)	1,180	1,250	1,350	1,585	1,835	2,110	2,310
Fuel tank (L)	125	125	265	265	265	265	265
DIMENSIONS (CANOPIED SET)							
L × W × H (mm)	2350x1000x1550	2350x1000x1550	2650x1100x1750	3000x1100x1850	3000x1100x1850	3000x1100x1850	3000x1100x1850
Weight (kg)	1,380	1,450	1,530	1,785	2,135	2,450	2,650
Fuel tank (L)	125	125	265	265	265	265	265

SDEC TEREX DIESEL

76 – 1,100 kVA

MODEL	TRX SD TA 0236	TRX SD TA 0260	TRX SD TA 0300	TRX SD TA 0330	TRX SD TA 0344	TRX SD TA 0400	TRX SD TA 0440
Standby (kVA)	236	260	300	330	344	400	440
kW	188.8	208	240	264	275.2	320	352
Prime (kVA)	215	236	273	300	313	365	400
kW	172	188.8	218.4	240	250.4	292	320
Engine speed (rpm)	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
ENGINE							
Make	SDEC	SDEC	SDEC	SDEC	SDEC	SDEC	SDEC
Model	SC9D280D2	SC9D310D2	SC9D340D2	SC10E380D2	SC10E400D2	SC15G500D2	SC15G500D2
Engine type	6 vertical in-line	6 vertical in-line	6 vertical in-line	6 vertical in-line	6 vertical in-line	6 vertical in-line	6 vertical in-line
Fuel injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection
Aspiration	Turbo AAC	Turbo AAC	Turbo AAC	Turbocharged	Turbo AAC	Turbo AAC	Turbo AAC
Number of cylinders	6	6	6	6	6	6	6
Bore × stroke (mm)	—	—	114 x 144	128 x 135	—	136 x 165	136 x 165
Displacement (L)	—	—	8.82	10.4	—	14.16	14.16
Cooling	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled
Compression ratio	18:1	18:1	16.5:1	17:1	17:1	15.55:1	15.55:1
Fuel cons. (Standby) (L/h)	53.5	55.7	59.5	66.9	74.2	81.2	89.3
Fuel cons. (100% Prime) (L/h)	48.6	50.6	54.1	60.8	67.5	73.8	81.2
Fuel cons. (75% Prime) (L/h)	36.2	38.2	40.8	49.4	50.4	54.3	59.8
Fuel cons. (50% Prime) (L/h)	24.3	26.3	27.3	32.1	33.1	37.4	41.1
Oil capacity (L)	19	19	25	41	41	41	41
Coolant capacity (L)	40	40	40	73.2	73.2	75.5	75.5
Governor type	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
ALTERNATOR							
Make	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX
Model	TA280-220N	TA280-220N	TA280-240N	TA280-240N	TA315-300N	TA315-300N	TA315-320N
Output voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Frequency (Hz)	50	50	50	50	50	50	50
AVR (±%)	1	1	1	1	1	1	1
Alt. standby power (kVA)	260	275	330	330	412.5	412.5	450
Alt. continuous power (kVA)	230	250	300	300	375	375	400
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Number of leads	12	12	12	12	12	12	12
Winding pitch	2/3	2/3	2/3	2/3	2/3	2/3	2/3
Protection class	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H
Excitation	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited
AVR model	SX460	SX460	AS440	AS440	AS440	AS440	AS440
Efficiency (75% load) (%)	92.6	92.7	93	93	93.5	93.5	94.3
Dimensions (open set)							
L × W × H (mm)	2100x1100x1650	—	—	—	—	—	—
Weight (kg)	2,550	2,850	3,200	3,350	3,500	4,575	4,875
Fuel tank (L)	265	350	350	350	350	1,370	1,370
DIMENSIONS (CANOPIED SET)							
L × W × H (mm)	3000x1100x1850	—	—	—	—	—	—
Weight (kg)	2,790	3,150	3,500	3,650	3,800	4,925	5,225
Fuel tank (L)	265	350	350	350	350	1,370	1,370

SDEC

76 – 1,100 kVA

MODEL	TRX SD TA 0520	TRX SD TA 0550	TRX SD TA 0600	TRX SD TA 0660	TRX SD TA 0725	TRX SD TA 0800	TRX SD TA 0900
Standby (kVA)	520	550	600	660	725	800	900
kW	416	440	480	528	580	640	720
Prime (kVA)	473	500	545	600	659	727	818
kW	378.4	400	436	480	527.2	581.6	654.4
Engine speed (rpm)	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
ENGINE							
Make	SDEC	SDEC	SDEC	SDEC	SDEC	SDEC	SDEC
Model	SC25G610D2	SC25G610D2	SC25G690D2	SC27G755D2	SC27G830D2	SC27G900D2	6KTAA25
Engine type	—	—	—	—	—	—	—
Fuel injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection
Aspiration	Turbo AAC	Turbo AAC	Turbo AAC	Turbo AAC	Turbo AAC	Turbo AAC	Turbo AAC
Number of cylinders	12	12	12	12	12	12	6
Bore × stroke (mm)	135 x 150	135 x 150	135 x 150	135 x 155	135 x 155	135 x 155	170 x 185
Displacement (L)	25.8	25.8	25.8	26.6	26.6	26.6	25.18
Cooling	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled
Compression ratio	16:1	16:1	16:1	16:1	16:1	16:1	14.5:1
Fuel cons. (Standby) (L/h)	110.4	110.4	125.2	138.6	155.1	163.7	179.3
Fuel cons. (100% Prime) (L/h)	100.4	100.4	113.8	126	141	148.8	163
Fuel cons. (75% Prime) (L/h)	75.8	75.8	85.9	95.3	106.7	113.7	124
Fuel cons. (50% Prime) (L/h)	53.6	53.6	60.7	66.3	74.1	76.7	84
Oil capacity (L)	65	65	65	65	65	65	75
Coolant capacity (L)	115	115	115	115	115	115	—
Governor type	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
ALTERNATOR							
Make	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX
Model	TA315-350N	TA315-400N	TA355-470N	TA355-470N	TA355-550N	TA355-600N	TA400-640N
Output voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Frequency (Hz)	50	50	50	50	50	50	50
AVR (±%)	1	1	1	1	1	0.5	0.5
Alt. standby power (kVA)	520	590	665	665	738	—	955
Alt. continuous power (kVA)	500	550	610	610	670	—	910
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Number of leads	12	12	12	12	12	6	6
Winding pitch	2/3	2/3	2/3	2/3	2/3	2/3	2/3
Protection class	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H
Excitation	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited
AVR model	AS440	AS440	AS440	AS440	AS440	MX341B	MX341B
Efficiency (75% load) (%)	94.5	95.2	95	95	95.7	94	94
Dimensions (open set)							
L × W × H (mm)	—	—	4500x2200x2900	4500x2200x2900	4500x2200x2900	4500x2200x2900	4500x2200x2900
Weight (kg)	5,125	5,450	7,232	7,482	7,500	7,800	8,100
Fuel tank (L)	1,370	1,370	1,860	1,860	1,860	1,860	1,860
DIMENSIONS (CANOPIED SET)							
L × W × H (mm)	—	—	4500x2200x3200	4500x2200x3200	4500x2200x3200	4500x2200x3200	4500x2200x3200
Weight (kg)	5,500	5,775	7,632	7,882	7,900	8,200	8,500
Fuel tank (L)	1,370	1,370	1,860	1,860	1,860	1,860	1,860

76 – 1,100 kVA

MODEL	TRX SD TA 1010	TRX SD TA 1100
Standby (kVA)	1,010	1,100
kW	808	880
Prime (kVA)	918	1,000
kW	734.4	800
Engine speed (rpm)	1,500	1,500
Voltage (V)	230/400	230/400
Power factor (cos φ)	0.8	0.8
ENGINE		
Make	SDEC	SDEC
Model	SC33W1150D2	6WTAA35
Engine type	6 vertical in-line	6 vertical in-line
Fuel injection	Direct injection	Direct injection
Aspiration	Turbo AAC	Turbo AAC
Number of cylinders	6	6
Bore × stroke (mm)	180 x 215	186 x 215
Displacement (L)	32.8	35.1
Cooling	Water-cooled	Water-cooled
Compression ratio	15:1	15:1
Fuel cons. (Standby) (L/h)	212.9	206.9
Fuel cons. (100% Prime) (L/h)	193.5	188.1
Fuel cons. (75% Prime) (L/h)	146.3	136.6
Fuel cons. (50% Prime) (L/h)	101.3	92.9
Oil capacity (L)	75	100
Coolant capacity (L)	158	158
Governor type	Electronic	Electronic
ALTERNATOR		
Make	TEREX	TEREX
Model	TA400-700N	TA400-800N
Output voltage (V)	230/400	230/400
Frequency (Hz)	50	50
AVR (±%)	0.5	0.5
Alt. standby power (kVA)	1,050	1,185
Alt. continuous power (kVA)	1,000	1,130
Power factor (cos φ)	0.8	0.8
Number of leads	6	6
Winding pitch	2/3	2/3
Protection class	IP23/H	IP23/H
Excitation	Self-excited	Self-excited
AVR model	MX341B	MX341B
Efficiency (75% load) (%)	94.9	95.4
Dimensions (open set)		
L × W × H (mm)	4900x2500x3200	4900x2500x3200
Weight (kg)	9,500	9,750
Fuel tank (L)	2,100	2,100
DIMENSIONS (CANOPIED SET)		
L × W × H (mm)	4900x2500x3500	4900x2500x3500
Weight (kg)	10,350	10,600
Fuel tank (L)	2,100	2,100



QUARTZ DIESEL

Diesel Generator Models

25 kVA – 400 kVA

Sound level: ± 75 dB(A) (at 7 m, canopied set)

An economical series combining Quartz engines and Terex alternators, intended for construction site and standby power applications.

Alternator options: TEREX DIESEL

QUARTZ DIESEL

TEREX DIESEL

25 – 400 kVA

MODEL	TRX QZ TA 0025	TRX QZ TA 0038	TRX QZ TA 0046	TRX QZ TA 0052	TRX QZ TA 0058	TRX QZ TA 0077	TRX QZ TA 0090
Standby (kVA)	25	38	46	52	58	77	90
kW	20	30.4	36.8	41.6	46.4	61.6	72
Prime (kVA)	22.5	34.2	41.4	46.8	52.2	69.3	81
kW	18	27.36	33.12	37.44	41.76	55.44	64.8
Engine speed (rpm)	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
ENGINE							
Engine output power (kW)	22	33	41.4	42	42	61	66
Make	QUARTZ	QUARTZ	QUARTZ	QUARTZ	QUARTZ	QUARTZ	QUARTZ
Model	Q490	Q490ZD	Q4100D	Q4100ZD	Q4105D	Q4105ZD	Q4105IZLD
Engine type	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel
Fuel injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection
Aspiration	Naturally aspirated	Turbocharged	Naturally aspirated	Turbocharged	Naturally aspirated	Turbocharged	Turbocharged, aftercooled
Number of cylinders	4	4	4	4	4	4	4
Bore × stroke (mm)	90 x 100	90 x 100	100 x 125	—	105 x 125	105 x 125	105 x 130
Displacement (L)	2.545	2.545	3.93	3.93	4.33	4.33	4.5
Cooling	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled
Compression ratio	17:1	17:1	17:1	18:1	18:1	18:1	18:1
Fuel cons. (Standby) (L/h)	7.5	7.5	9.1	10.868	11.99	16.17	19.14
Fuel cons. (100% Prime) (L/h)	6.6	7.2	7.8	9.88	10.9	14.7	17.4
Fuel cons. (75% Prime) (L/h)	5	6.6	5.8	7.41	8	10.9	12.9
Fuel cons. (50% Prime) (L/h)	3.6	5	3.9	6.42	5.5	7.4	8.7
Oil capacity (L)	9	9	10	13	12	13	13
Coolant capacity (L)	20	20	16	52	66	66	68
Governor type	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
ALTERNATOR							
Make	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX
Model	TA160-16N2	TA180-24N2	TA180-34N2	TA180-34N2	TA180-36N2	TA180-40N2	TA225-70N
Output voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Frequency (Hz)	50	50	50	50	50	50	50
AVR (±%)	1	1	1	1	1	1	1
Alt. standby power (kVA)	25	38	46	52	58	77	90
Alt. continuous power (kVA)	22.5	34.2	41.4	46.8	52.2	69.3	85
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Number of leads	12	12	12	12	12	12	12
Winding pitch	2/3	2/3	2/3	2/3	2/3	2/3	2/3
Protection class	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H
Excitation	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited
AVR model	SX460	SX460	SX460	SX460	SX460	SX460	SX460
Efficiency (75% load) (%)	85.5	85.5	86.1	87.8	88.2	88.4	88.8
DIMENSIONS (OPEN SET)							
L × W × H (mm)	1500x1000x1350	1500x1000x1350	1500x1000x1350	1500x1000x1350	1900x900x1610	1500x1000x1350	1500x1000x1350
Weight (kg)	795	895	1,045	1,100	1,160	1,250	1,450
Fuel tank (L)	125	125	125	125	220	125	125
DIMENSIONS (CANOPIED SET)							
L × W × H (mm)	2200x1000x1550	2200x1000x1550	2200x1000x1550	2200x1000x1550	2440x1000x1860	2350x1000x1550	2350x1000x1550
Weight (kg)	945	1,045	1,195	1,250	1,310	1,450	1,650
Fuel tank (L)	125	125	125	125	220	125	125

QUARTZ DIESEL

TEREX DIESEL

25 – 400 kVA

MODEL	TRX QZ TA 0105	TRX QZ TA 0125	TRX QZ TA 0155	TRX QZ TA 0175	TRX QZ TA 0235	TRX QZ TA 0305	TRX QZ TA 0330
Standby (kVA)	105	125	155	175	235	305	330
kW	84	100	124	140	188	244	264
Prime (kVA)	94.5	112.5	139.5	157.5	211.5	274.5	297
kW	75.6	90	111.6	126	169.2	219.6	237.6
Engine speed (rpm)	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
ENGINE							
Engine output power (kW)	84	121	121	132	175	258	258
Make	QUARTZ	QUARTZ	QUARTZ	QUARTZ	QUARTZ	QUARTZ	QUARTZ
Model	Q4105AZLD	Q6105AZLD	Q6105AZLD	Q6105IZLD	Q6113AZLD	Q6D10D258A	Q6D10D258A
Engine type	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel
Fuel injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection
Aspiration	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, aftercooled	Turbocharged, intercooled	Turbocharged, intercooled
Number of cylinders	4	6	6	6	6	6	6
Bore × stroke (mm)	105 x 130	105 x 130	105 x 130	105 x 135	113 x 125	126 x 130	126 x 130
Displacement (L)	—	6.75	6.75	7.01	7.52	9.7	9.7
Cooling	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled
Compression ratio	18:1	18:1	18:1	—	18:1	17:1	17:1
Fuel cons. (Standby) (L/h)	—	—	—	32	45.1	61	61
Fuel cons. (100% Prime) (L/h)	—	—	—	30.8	41	53.8	53.8
Fuel cons. (75% Prime) (L/h)	—	—	—	22.8	30.5	40	40
Fuel cons. (50% Prime) (L/h)	—	—	—	15.5	20.6	27	27
Oil capacity (L)	18	18	18	18	18	—	—
Coolant capacity (L)	75	75	75	75	85	—	—
Governor type	Mechanical	Mechanical	Mechanical	Mechanical	Electronic	Electronic	Electronic
ALTERNATOR							
Make	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX
Model	TA225-80N	TA225-100N	TA225-120N	TA280-150N	TA280-170N	TA280-240N	TA280-260N
Output voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Frequency (Hz)	50	50	50	50	50	50	50
AVR (±%)	1	1	1	1	1	1	1
Alt. standby power (kVA)	105	125	155	175	235	305	330
Alt. continuous power (kVA)	94.5	120	139.5	160	211.5	274.5	300
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Number of leads	12	12	12	12	12	12	12
Winding pitch	2/3	2/3	2/3	2/3	2/3	2/3	2/3
Protection class	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H
Excitation	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited
AVR model	SX460	SX460	SX460	SX460	SX460	SX460	SX460
Efficiency (75% load) (%)	92	92.4	92.5	92.8	93.1	93.5	93.3
DIMENSIONS (OPEN SET)							
L × W × H (mm)	1500x1000x1350	2100x1100x1650	2100x1100x1650	2100x1100x1650	2100x1100x1650	—	—
Weight (kg)	1,600	1,585	1,835	2,110	2,310	2,850	3,200
Fuel tank (L)	125	265	265	265	265	350	350
DIMENSIONS (CANOPIED SET)							
L × W × H (mm)	2350x1000x1550	3000x1100x1850	3000x1100x1850	3000x1100x1850	3000x1100x1850	—	—
Weight (kg)	1,800	1,785	2,135	2,450	2,650	3,150	3,500
Fuel tank (L)	125	265	265	265	265	350	350

QUARTZ DIESEL

TEREX DIESEL

25 – 400 kVA

MODEL	TRX QZ TA 0400
Standby (kVA)	400
kW	320
Prime (kVA)	360
kW	288
Engine speed (rpm)	1,500
Voltage (V)	230/400
Power factor (cos φ)	0.8
ENGINE	
Engine output power (kW)	363
Make	Quartz
Model	Q6D12D320A
Engine type	4-stroke diesel
Fuel injection	Direct injection
Aspiration	Turbocharged, aftercooled
Number of cylinders	6
Bore × stroke (mm)	126 x 155
Displacement (L)	11.6
Cooling	Water-cooled
Compression ratio	17:1
Fuel cons. (Standby) (L/h)	71.44
Fuel cons. (100% Prime) (L/h)	55.8
Fuel cons. (75% Prime) (L/h)	42
Fuel cons. (50% Prime) (L/h)	29
Oil capacity (L)	—
Coolant capacity (L)	—
Governor type	Electronic
ALTERNATOR	
Make	TEREX
Model	TA315-300N
Output voltage (V)	230/400
Frequency (Hz)	50
AVR (±%)	1
Alt. standby power (kVA)	400
Alt. continuous power (kVA)	375
Power factor (cos φ)	0.8
Number of leads	12
Winding pitch	2/3
Protection class	IP23/H
Excitation	Self-excited
AVR model	SX460
Efficiency (75% load) (%)	93.8
DIMENSIONS (OPEN SET)	
L × W × H (mm)	—
Weight (kg)	3,500
Fuel tank (L)	350
DIMENSIONS (CANOPIED SET)	
L × W × H (mm)	—
Weight (kg)	4,000
Fuel tank (L)	350



YANGDONG

Diesel Generator Models

11 kVA – 110 kVA

Sound level: ± 75 dB(A) (at 7 m, canopied set)

A compact and economical entry-level generator series with YangDong engines for small and medium-sized businesses.

Alternator options: TEREX DIESEL

YANGDONG

YANGDONG TEREX DIESEL

11 – 110 kVA

MODEL	TRX YD TA 0011	TRX YD TA 0012	TRX YD TA 0015	TRX YD TA 0020	TRX YD TA 0025	TRX YD TA 0028	TRX YD TA 0030
Standby (kVA)	11	12	15	20	25	28	30
kW	8.8	9.6	12	16	20	22.4	24
Prime (kVA)	10	11	14	17	22	25	27
kW	8	8.8	11.2	13.6	17.6	20	21.6
Engine speed (rpm)	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
ENGINE							
Make	YANGDONG	YANGDONG	YANGDONG	YANGDONG	YANGDONG	YANGDONG	YANGDONG
Model	YD380D	YD385D	YD480D	YND485D	YSD490D	Y490D	Y495D
Engine type	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel
Fuel injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection
Aspiration	Naturally aspirated	Naturally aspirated	Naturally aspirated	Naturally aspirated	Naturally aspirated	Naturally aspirated	Naturally aspirated
Number of cylinders	3	3	4	4	4	4	4
Bore × stroke (mm)	80 x 90	85 x 90	80 x 90	85 x 95	90 x 100	90 x 105	95 x 105
Displacement (L)	1.357	1.532	1.809	2.156	2.54	2.67	2.977
Cooling	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled
Compression ratio	22:1	22:1	22:1	18:1	18:1	18:1	18:1
Fuel cons. (100% Prime) (L/h)	3.1	3.64	5	5.2	6.36	6.43	6.87
Fuel cons. (75% Prime) (L/h)	2.86	3.12	4.22	4.36	5.64	5.77	6.15
Fuel cons. (50% Prime) (L/h)	2.23	2.54	3.43	3.46	4.71	4.81	5.27
Fuel cons. (25% Prime) (L/h)	1.43	1.61	2.74	2.54	3.1	3.27	3.69
Oil capacity (L)	4.1	5.3	6.7	5.5	7.6	7.6	7.6
Coolant capacity (L)	6	6	7	7	10.7	10.7	10.7
Governor type	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
ALTERNATOR							
Make	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX
Model	TA160-11N2	TA160-12N2	TA160-14N2	TA160-15N2	TA160-16N2	TA180-22N2	TA180-24N2
Output voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Frequency (Hz)	50	50	50	50	50	50	50
AVR (±%)	1	1	1	1	1	1	1
Alt. standby power (kVA)	11	12	—	22	25	—	38
Alt. continuous power (kVA)	10	11	—	20	22.5	—	34.2
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Number of leads	12	12	12	12	12	12	12
Winding pitch	2/3	2/3	2/3	2/3	2/3	2/3	2/3
Protection class	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H
Excitation	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited
AVR model	SX460	SX460	SX460	SX460	SX460	SX460	SX460
Efficiency (75% load) (%)	85.5	85.5	85.5	85.5	85.5	85.5	85.5
DIMENSIONS (OPEN SET)							
L × W × H (mm)	1200x1000x1050	1200x1000x1050	1200x1000x1050	1200x1000x1050	1200x1000x1050	1200x1000x1050	1200x1000x1050
Weight (kg)	515	535	555	565	698	748	897
Fuel tank (L)	100	100	100	100	100	100	100
DIMENSIONS (CANOPIED SET)							
L × W × H (mm)	1800x1000x1250	1800x1000x1250	1800x1000x1250	1800x1000x1250	1800x1000x1250	1800x1000x1250	1800x1000x1250
Weight (kg)	715	735	755	765	798	848	997
Fuel tank (L)	100	100	100	100	100	100	100

YANGDONG TEREX DIESEL

11 – 110 kVA

MODEL	TRX YD TA 0033	TRX YD TA 0040	TRX YD TA 0044	TRX YD TA 0050	TRX YD TA 0055	TRX YD TA 0066	TRX YD TA 0075
Standby (kVA)	33	40	44	50	55	66	75
kW	26.4	32	35.2	40	44	52.8	60
Prime (kVA)	30	35	40	45	50	58	68
kW	24	28	32	36	40	46.4	54.4
Engine speed (rpm)	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
ENGINE							
Make	YANGDONG	YANGDONG	YANGDONG	YANGDONG	YANGDONG	YANGDONG	YANGDONG
Model	Y4100D	Y4102D	Y4105D	Y4110D	Y4102ZLD	Y4105ZLD	YD4EZLD
Engine type	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel	4-stroke diesel
Fuel injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection
Aspiration	Naturally aspirated	Naturally aspirated	Naturally aspirated	Naturally aspirated	Naturally aspirated	Turbocharged, aftercooled	Turbocharged, aftercooled
Number of cylinders	4	4	4	4	4	4	4
Bore × stroke (mm)	100 x 118	—	105 x 118	110 x 118	102 x 118	105 x 118	105 x 118
Displacement (L)	3.707	3.875	—	4.484	3.875	4.1	4.1
Cooling	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled
Compression ratio	18:1	18:1	18:1	18:1	18:1	18:1	18:1
Fuel cons. (100% Prime) (L/h)	7.29	7.61	8.8	12.03	10.8	12.1	12.3
Fuel cons. (75% Prime) (L/h)	5.69	6.02	6.75	9.15	8.52	9.71	9.9
Fuel cons. (50% Prime) (L/h)	4.04	4.76	5.58	6.91	6.71	7.57	7.63
Fuel cons. (25% Prime) (L/h)	3.81	3.97	4.17	5.09	4.58	5.02	5.17
Oil capacity (L)	9.7	10.46	10.46	13	10.46	10.46	10.46
Coolant capacity (L)	10.7	10.7	10.7	7.2	10.7	10.7	10.7
Governor type	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Electronic	Electronic
ALTERNATOR							
Make	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX	TEREX
Model	TA180-24N2	TA180-34N2	TA180-34N2	TA180-34N2	TA180-36N2	TA180-36N2	TA180-40N2
Output voltage (V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Frequency (Hz)	50	50	50	50	50	50	50
AVR (±%)	1	1	1	1	1	1	1
Alt. standby power (kVA)	38	46	46	52	58	66	77
Alt. continuous power (kVA)	34.2	41.4	41.4	46.8	52.2	59.4	69.3
Power factor (cos φ)	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Number of leads	12	12	12	12	12	12	12
Winding pitch	2/3	2/3	2/3	2/3	2/3	2/3	2/3
Protection class	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H	IP23/H
Excitation	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited	Self-excited
AVR model	SX460	SX460	SX460	SX460	SX460	SX460	SX460
Efficiency (75% load) (%)	85.5	86.1	86.1	87.8	88.2	88.4	88.4
DIMENSIONS (OPEN SET)							
L × W × H (mm)	1200x1000x1050	1200x1000x1050	1200x1000x1050	1200x1000x1050	1500x1000x1350	1500x1000x1350	1500x1000x1350
Weight (kg)	965	1,100	1,175	1,230	1,300	1,350	1,400
Fuel tank (L)	100	100	100	100	125	125	125
DIMENSIONS (CANOPIED SET)							
L × W × H (mm)	1800x1000x1250	1800x1000x1250	1800x1000x1250	1800x1000x1250	2200x1000x1550	2200x1000x1550	2200x1000x1550
Weight (kg)	1,065	1,200	1,275	1,330	1,450	1,475	1,525
Fuel tank (L)	100	100	100	100	125	125	125

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YANGDONG TEREX DIESEL

11 – 110 kVA

MODEL	TRX YD TA 0100	TRX YD TA 0110
Standby (kVA)	100	110
kW	80	88
Prime (kVA)	87	100
kW	69.6	80
Engine speed (rpm)	1,500	1,500
Voltage (V)	230/400	230/400
Power factor (cos φ)	0.8	0.8
ENGINE		
Make	YANGDONG	YANGDONG
Model	Y4110ZLDA	Y4GZLD
Engine type	4-stroke diesel	4-stroke diesel
Fuel injection	Direct injection	Direct injection
Aspiration	Turbocharged, aftercooled	Turbocharged, aftercooled
Number of cylinders	4	4
Bore × stroke (mm)	110 x 118	110 x 118
Displacement (L)	—	—
Cooling	Water-cooled	Water-cooled
Compression ratio	18:1	18:1
Fuel cons. (100% Prime) (L/h)	13.5	22.1
Fuel cons. (75% Prime) (L/h)	10.6	18.9
Fuel cons. (50% Prime) (L/h)	7.9	14.2
Fuel cons. (25% Prime) (L/h)	5.32	8.3
Oil capacity (L)	12	17
Coolant capacity (L)	12	7.2
Governor type	Electronic	Electronic
ALTERNATOR		
Make	TEREX	TEREX
Model	TA225-80N	TA225-90N
Output voltage (V)	230/400	230/400
Frequency (Hz)	50	50
AVR (±%)	1	1
Alt. standby power (kVA)	105	110
Alt. continuous power (kVA)	94.5	100
Power factor (cos φ)	0.8	0.8
Number of leads	12	12
Winding pitch	2/3	2/3
Protection class	IP23/H	IP23/H
Excitation	Self-excited	Self-excited
AVR model	SX460	SX460
Efficiency (75% load) (%)	92	92.4
DIMENSIONS (OPEN SET)		
L × W × H (mm)	1500x1000x1350	1500x1000x1350
Weight (kg)	1,400	1,480
Fuel tank (L)	125	125
DIMENSIONS (CANOPIED SET)		
L × W × H (mm)	2350x1000x1550	2350x1000x1550
Weight (kg)	1,600	1,680
Fuel tank (L)	125	125

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