

TD150P/A

Diesel / standby generator sets

150 kVA , 400 V, 50 Hz



TECHNICAL DATA

• Prime Power	150 kVA / 120 kW
• Standby Power	165 kVA / 132 kW
• Voltage	400 V
• Frequency	50 Hz
• Rated current	216 A
• Power factor, cos ϕ	0,8
• Fuel tank capacity	425 l
• Fuel consumption at 75% load	27,5 l/h
• Weight	1635 kg

ENGINE

• Manufacturer	Perkins
• Model	1106C - E66TAG3
• Fuel	Diesel
• Power at 1500 RPM.	146 kW
• Rotation speed	1500 min ⁻¹
• Cubic capacity	6600 cm ³
• Number of cylinders	6
• Bore / Stroke	105 / 127 mm
• Compression ratio	16,2 : 1
• Cooling system	Liquid cooled
• Cooling system capacity	21 l
• Lubricating oil capacity	15,5 l
• Starter	12 V / 4 kW
• Alternator	12 V / 100 A
• Battery	12 V / 145 Ah

ALTERNATOR

• Number of poles	4
• Type	Brushless
• Voltage regulator	Automatic (AVR)
• Voltage range	+1%, -1%
• Protection level	IP23
• Insulation class	H



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EQUIPMENT

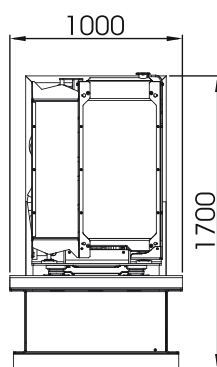
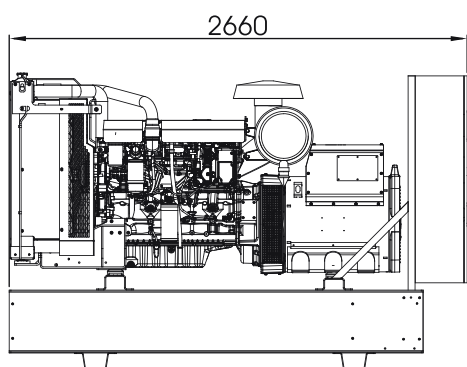
	P	PA		P	PA
Voltmeter (L-L, L-N)	☑	☑	Oil pressure indicator	☑	☑
Frequency meter	☑	☑	Coolant temperature indicator	☑	☑
Working hours counter	☑	☑	Standby battery charger	☒	☑
Fuel level indicator	☑	☑	Automatic fuel pump system	☐	☐
Automatic circuit breaker	☑	☑	Earth fault device	☐	☐
Protection from a low oil pressure / level	☑	☑	Automatic transfer switch panel	☐	☐
Protection from engine overheating	☑	☑	Engine coolant heater	☐	☐
Emergency stop push button	☑	☑	Engine oil heater	☐	☐
Terminals for cable connection	☑	☑	Manual engine oil pump	☐	☐
Heavy duty connector for quick ATS/AMF panel connection	☑	☑	Earthing spike	☐	☐
Engine glow plugs	☑	☑	Anticondensation heater	☐	☐
Residential silencer	☑	☑	GSM modem for remote control / monitoring	☐	☐
Battery power switch	☑	☑	Additional fuel tank	☐	☐
One key system	☑	☑	Protective bath for fuel and engine fluids	☐	☐
Ammeter (L1, L2, L3)	☑	☑			

- ☑ Standard
- ☐ Optional
- ☒ Not available

OTHER INFORMATION

- Warranty **24 months**.
- Electrical power according to ISO 8528.

DIMENSIONS



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