

TECHNICAL DATA

• Prime power	450 kVA / 360 kW
• Standby power	500 kVA / 400 kW
• Voltage	400 V
• Frequency	50 Hz
• Rated power	650 A
• Power factor, $\cos \varphi$	0,8
• Fuel tank capacity	450 l
• Fuel consumption at 75% load	71 l/h
• Weight	3800 kg

ENGINE

• Manufacturer	Volvo Penta
• Model	TAD1345GE
• Power at 1500 RPM	431 kW
• Rotation speed	1500 min ⁻¹
• Cubic capacity	12780 cm ³
• Number of cylinders	6
• Compression ratio	18,1: 1
• Cooling system	Liquid cooled
• Ignition system	Electronic
• Lubricating oil capacity	36 l
• Protection from a low oil level	Yes
• Starter	7 kW / 24 V
• Alternator	24 V / 80 A
• Battery	2 x 12 V / 200 Ah

ALTERNATOR

• Manufacturer	MeccAlte
• Number of poles	4
• Type	Brushless
• Voltage range	+1%, -1%
• Voltage regulator	Automatic (AVR)
• Protection level	IP 21
• Insulation class	H

TD450VA

Diesel / standby generator sets
450 kVA, 400 V, 50 Hz





EQUIPMENT

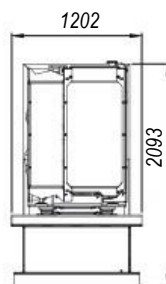
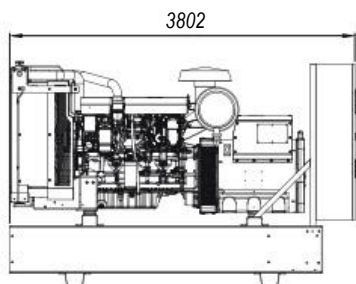
	V	VA		V	VA
Volmeter (L-L, L-N)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Oil pressure indicator	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Frequency meter	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Coolant pressure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

OTHER INFORMATION

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

- Standard
- Optional
- Not available

DIMENSIONS



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