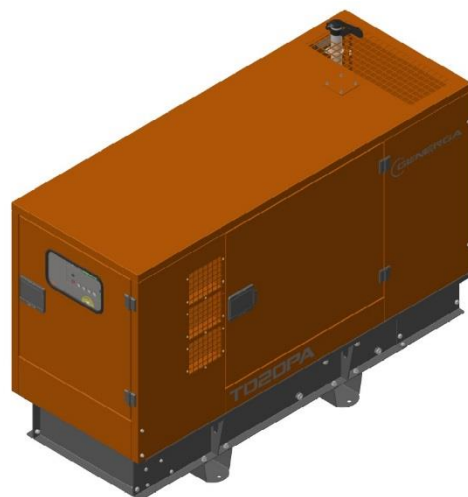




# TD20PS/A

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



## TECHNICAL DATA

• Prime Power	20 kVA / 16 kW
• Standby Power	22 kVA / 17,6 kW
• Voltage	400 V
• Frequency	50 Hz
• Rated current	29 A
• Power factor, $\cos \varphi$	0,8
• Fuel tank capacity	70 l
• Fuel consumption at 75% load	4,0 l/h
• Noise level Lwa / Lpa	85 dB / 65 dB
• Weight	670 kg

## ENGINE

• Manufacturer	Perkins
• Model	404D – 22G
• Fuel	Diesel
• Power at 1500 RPM.	20,6 kW
• Rotation speed	1500 min <sup>-1</sup>
• Cubic capacity	2216 cm <sup>3</sup>
• Number of cylinders	4
• Bore / Stroke	84 / 100 mm
• Compression ratio	23,3 : 1
• Cooling system	Liquid cooled
• Cooling system capacity	7,0 l
• Lubricating oil capacity	9,75 l
• Starter	12 V / 2 kW
• Alternator	12 V / 65 A
• Battery	12 V / 80 Ah

## ALTERNATOR

• Manufacturer	Stamford
• Number of poles	4
• Type	Brushless
• Voltage regulator	Automatic (AVR)
• Voltage range	+1,5 %, -1,5 %
• Protection level	IP 23
• Insulation class	H



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## EQUIPMENT

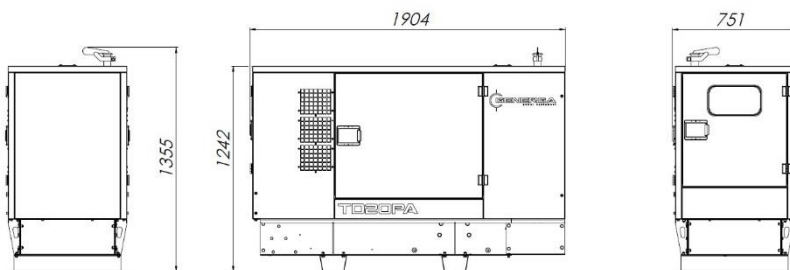
	PS	PSA		PS	PSA
Voltmeter (L-L, L-N)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Automatic fuel pump system	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Frequency meter	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Oil pressure indicator	<input type="checkbox"/>	<input type="checkbox"/>
Working hours counter	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Coolant temperature indicator	<input type="checkbox"/>	<input type="checkbox"/>
Fuel level indicator	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Earth fault device	<input type="checkbox"/>	<input type="checkbox"/>
Automatic circuit breaker	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Automatic transfer switch panel	<input type="checkbox"/>	<input type="checkbox"/>
Protection from a low oil pressure / level	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Engine coolant heater	<input type="checkbox"/>	<input type="checkbox"/>
Protection from engine overheating	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Engine oil heater	<input type="checkbox"/>	<input type="checkbox"/>
Emergency stop push button	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Set of sockets	<input type="checkbox"/>	<input type="checkbox"/>
Terminals for cable connection	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Slow speed trailer	<input type="checkbox"/>	<input type="checkbox"/>
Heavy duty connector for quick ATS/AMF panel connection	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Road trailer	<input type="checkbox"/>	<input type="checkbox"/>
Engine glow plugs	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Manual engine oil pump	<input type="checkbox"/>	<input type="checkbox"/>
1 Schuko type 16A socket	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Earthing spike	<input type="checkbox"/>	<input type="checkbox"/>
Battery power switch	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Anticondensation heater	<input type="checkbox"/>	<input type="checkbox"/>
One key system	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GSM modem for remote control / monitoring	<input type="checkbox"/>	<input type="checkbox"/>
Ammeter (L1, L2, L3)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Additional fuel tank	<input type="checkbox"/>	<input type="checkbox"/>
Standby battery charger	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Protective bath for fuel and engine fluids	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

## OTHER INFORMATION

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

- Standard
- Optional
- Not available

## DIMENSIONS



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