

TD250SD

250kVA Silent Diesel Generator

Three-Phase Industrial Diesel Generator



Pinnacle TD250SD is a Silent Diesel Generator that is the perfect match for your small and growing business. This silent generator will keep the noise level down around the office. Our generators, powered by SDEC engines, offer efficient and dependable solutions for a wide range of power generation needs across various industries and applications.

Protective Features:

High Engine Temperature and Over speed
Voltage Regulator Frequency Regulation
Low Oil Indicator | High Water Temperature
High/Low Voltage | Emergency Stop | Start Failure



Model		TD250SD
Prime Power	kVA	250kVA
Standby Power	kVA	275kVA
Rated Voltage Line to Line	V	400V/230V
Rated Current	A	388A
Max Sound Level -dB(@7m)		73dB

Engine		SDEC
Model		6DTAA8.9-G23
Engine Type		In-line, 4 strokes, Inter-Cooled Water-Cooled Turbo Charged
Injection Pump		Longkou
No. Cylinders		6 In-Line
Displacement	L	8.82
Bore* Size	mm	114 x 144
Compression Ratio		16.5:01
Rated Speed	r/mm	1500
Rated Net Power(With Fan)	Kw	200
Governor Type		Electrical
Start Motor	V	24

Exhaust System		
Exhaust Gas Flow	m3/min	31.6
Exhaust Gas Temperature	°C	600
Max. Pressure	kPa	10

Aspiration System		
Max Inlet Pressure	kPa	3
Combustion Volume	m3/min	/
Air Flow	m3/min	17.7

Fuel System		
100% Load (Prime Power)	L/h	55.1
75% Load (Prime Power)	L/h	40.7
50% Load (Prime Power)	L/h	27.7
Fuel Tank Capacity	L	300

* Specification subject to change without notice.
* All rating at Sea Level, 25°C ambient temperature.

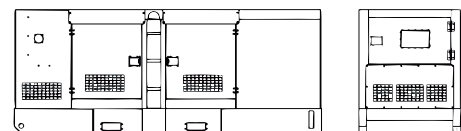
Lubrication System		
Oil Capacity	kVA	25
Lubrication Method		Fully Forced Pressure Feed Type
Oil Pump		Gear Type Driven By Camshaft

Cooling System		
Water Capacity (Engine Only)	L	12.1
Thermostat Operation Range	°C	8293
Max Water Temperature	°C	104

Alternator		
Model	Technic	TP274K
Phase		3
Voltage	V	400V/230V
Wiring Type		3 Phase -4 Wire, Y Type
Bearing		1
Power Factor		0.8
Frequency	Hz	50
Prime Power	kW	200
Exciter Type		Brush-less, Self-excitation
Voltage Regulation	%	±0.5
Protection Grade		IP23
Insulation Grade		H/H
Altitude	m	≤1000

Controller		DeepSea DSE6120
Protective Functions:		
-Low Oil Pressure		-Voltage Regulator Freq. Regulator
-High Water Temperature		-Emergency Stop
-High/Low Voltage		-Start Failure
-High Engine Temperature and Over-speed		

Denyo Type Silent Canopy



L x W x H

3500mm x 1130mm x 1650mm

PinnaclePower

011 824 0001

dennis@pinnacleholding.co.za

delmaine@pinnacleholding.co.za

www.pinnaclepower.co.za