

FG 275

Engine: SD

Engine Model : SD6L227TAD

Stand By kVA: 275

Stand By kW : 220

Prime kVA: 250

Prime kW : 200

Rated Current : 360



SPECIFICATIONS

Engine

- SD heavy duty diesel engine
- 12V starter and charge alternator
- Replaceable air, fuel and oil filters
- Mechanical governor control
- Tropical type radiator
- Flexible fuel hose
- Oil drain valve and extension hose
- Industrial type silencer and steel compensator
- Maintenance-free starter battery
- Water jacket heater
- 1500 rpm engine speed

Sound Proof Canopy and Chassis

- Convenient design for easy lifting and carrying
- High standard sound proof canopy design
- Modular design with easily removable nuts - bolts
- Lockable doors
- Transparent window for watching Control Panel
- Electrostatic powder painted, providing protection against harsh weather conditions
- Emergency STOP button
- Fuel tank inside the chassis
- Anti-vibration wedges (engine - chassis and chassis – ground)

Alternatör

- IP 21-23 Protection Standard
- H Insulation Class
- 50 Hz Frequency
- 4 pole brushless synchronous type alternator
- Automatic Voltage Regulator (AVR)
- 400/230V AC Output Voltage - 1500 rpm

Optional

- Thermal magnetic CB (for automatic models)
- Super Silent Canopy
- Mobile Generator Sets
- Automatic fuel filling system
- Synchronization panel
- 3 Pole and 4 Pole ATS (Automatic Transfer Switch)
- Fuel Heater, Oil Heater
- External fuel tank and automatic fuel filling system
- Fuel - water separator filter
- Remote monitoring and control system

ENGINE

Engine		SD	
Engine Model		SD6L227TAD	
Number of Cylinders		6 Inline	
Injection System		Direct	
Compression Ratio		18:01	
Bore		114	
Strok		135	
Displacement	Lt	8,27	
Air Intake		Turbo Charged & Intercooler	
Speed (RPM)		1500	
Oil Capacity	Lt	19	
Standby Power	kw / Hp	227 / 309	
Prime Power	Hp	206 / 280	
Fuel Type		Euro Diesel	
Governor System		Electronic	
Cooling System		Water Cooling	
Coolant Capacity	Lt	48	
Fuel Consumption (lt / h)	Lt	Full Load	52,7
	Lt	%75 LOAD	39,8
	Lt	%50 LOAD	26,4

ALTERNATOR

Frequency	Hz		
Power	kVA	275	
Voltage	V	230 / 400 V	
Number of Phases		3	
Automatic Voltage Regulator (A.V.R.)		AS440	

Voltage Regulation		±1%
Insulation Class		H
Protection Standard		IP22-IP23
Power Factor		0,8

DIMENSIONS

Weight (Silent)	Kg	2530
Weight (Open)	Kg	2190
Width (Silent)	Mm	2530
Length (Silent)	Mm	2530
Height (Silent)	Mm	2530
Fuel Tank Capacity	Lt	360

1 Standby Power : The max power available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utility power outage. Overloading isn't permissible.

2 Prime Power : The maximum power which a generating set is capable of delivering continuously whilst supplying a variable electrical load. Average load should be 70%. The generator can be overloaded 10% for 1 hour per 12 hrs.