

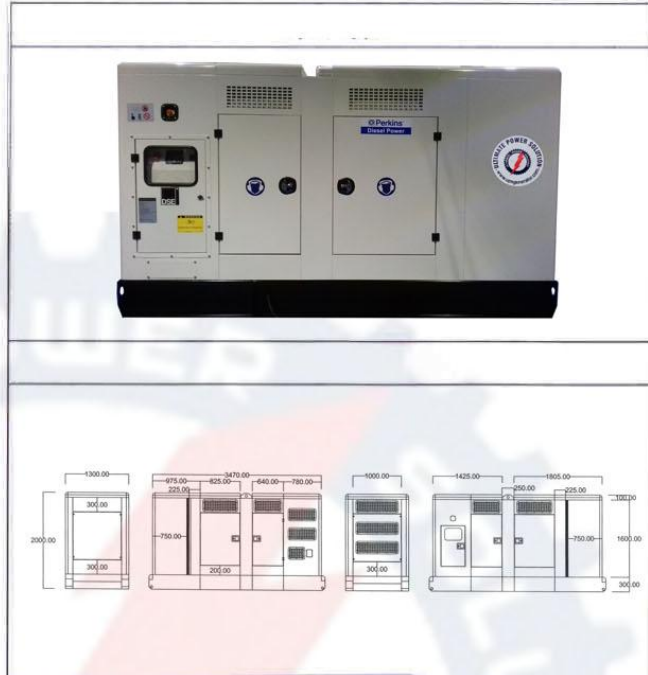
**TP275**

Standby power : 275KVA/220KW

Prime power : 250KVA/200KW

Standard features

- Engine : PERKINS ,1506A-E-88TAG3
- Charge alternator : 24V
- Governor : Electrical
- Generator : LEROY SOMER LSA / 46.2 L6
- Single bearing alternator IP 23
- Insulation class H/H
- Radiator 50°C max with coolant cap
- Skid and vibration isolators
- Dry type air filter
- Main line circuit breaker
- 24V battery and cable
- Industrial muffler
- User's manual

**Weight and Dimensions**

GEN-SET-TP250	Dimensions (L X W X H)	Weight
Open type	2650mm X 1010mm X 1830mm	2131Kg
Silent type	3470mm X 1300mm X 2000mm	3081Kg

Generator Ratings

Voltage	Hz	Phase	Power factor	Standby AMP	Standby Rating (KVA/KW)	Prime Rating (KVA/KW)
400/230	50	3	0.8	397	275/220	250/200

Engine Data

Manufacturer/Model	PERKINS 1506A-E-88TAG3 4-cycle
Cylinder /Arrangement	6 / L
Displacement	8.7 L
Bore and Stroke	116.6 mm × 135.9 mm
Compression ratio	16.9 : 1
Rated RPM	1500 RPM
Max. stand by power at rated RPM	246 KW
Frequency regulation , steady state	+3 % to -5 %
Governor : type	Electrical

Exhaust System

Exhaust gas flow	44.5 m ³ /min
Exhaust temperature	528 °C
Max back pressure	10.7kPA

**Fuel System**

Fuel consumption 100% (of the Prime Power)	44 L / h
--	----------

Oil system

Total oil capacity w/ filters	27.6L
-------------------------------	-------

Air intake

Engine air flow	275L/ s
-----------------	---------

Coolant System

Radiator & engine capacity	47 L
Max water temperature	105°C
Thermostat	82-94°C

Generator Data

Manufacturer / Type	LEROY SOMER LSA / 46.2 L6
Number of phase power	3
Factor (Cos Phi)	0,8
Pole : number	4
Bearing : number	1
Coupling	Direct
Exciter type	Brushless SHUNT
Insulation : class , temperature rise	H/H
protection	IP23

Control panel**Specifications :**

Frequency meter , Ammeter , Voltmeter , Alarms and faults
Oil pressure , water temperature , No start-up , Overspeed ,
Min/max battery voltage , Low fuel level , Emergency stop

Engine parameters:

Hours counter , Oil pressure , water temperature