



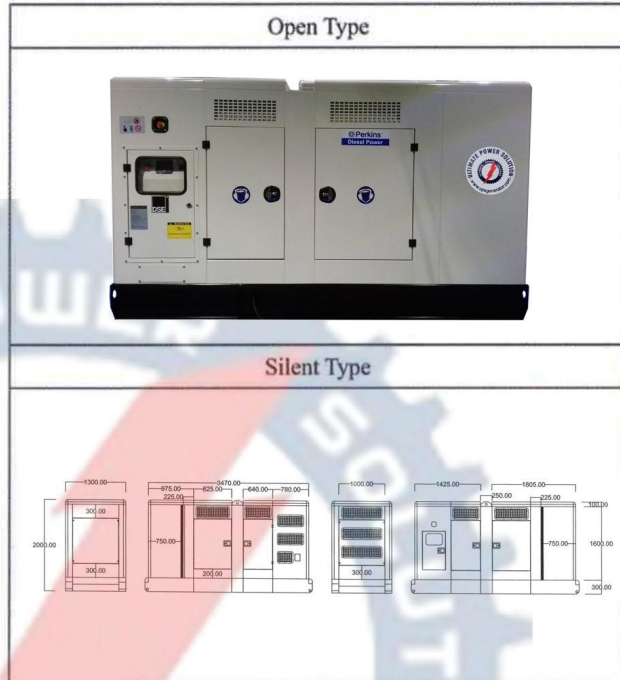
TP200

Standby power : 229KVA/183KW

Prime power : 208KVA/166KW

Standard features

- Engine : PERKINS , 1506A-E-88TAG1
- Charge alternator : 12V
- Governor : Electrical
- Generator : LEROY SOMER LSA 46.2 M5
- 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
- 12V battery and cable
- Industrial muffler
- User's manual



Weight and Dimensions

GEN-SET-TP200	Dimensions (L X W X H)	Weight
Open type	2350mm X 860mm X 1500mm	1657Kg
Silent type	3470mm X 1300mm X 2000mm	2407Kg

Generator Ratings

Voltage	Hz	Phase	Power factor	Standby AMP	Standby Rating (KVA/KW)	Prime Rating (KVA/KW)
400/230	50	3	0.8	289	229/183	208/166

Engine Data

Manufacturer/Model	PERKINS 1506A-E-88TAG1 4-cycle
Cylinder /Arrangement	6 / L
Displacement	6.6 L
Bore and Stroke	105 mm×127 mm
Compression ratio	17 : 1
Rated RPM	1500 RPM
Max. stand by power at rated RPM	180.4 KW
Frequency regulation , steady state	± 0.25%
Governor : type	Electrical

Exhaust System

Exhaust gas flow	31 m³/min
Exhaust temperature	499 °C
Max back pressure	10kPA

**Fuel System**

Fuel consumption 100% (of the Prime Power)	43 L / h
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Oil system

Total oil capacity w/filters	24L
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Air intake

Engine air flow	180L/ s
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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 M5
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