


Standby power : 275KVA/220KW
Prime power : 250KVA/200KW
Standard features

- Engine : CUMMINS , 6CTAA8.3-G2
- Charge alternator : 24V
- Governor : Electrical
- Generator : LEROYSOMER , LSA46.2 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	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	CUMMINS 6CTAA8.3-G2	4-cycle
Cylinder /Arrangement	6 / L	
Displacement	8.9 L	
Bore and Stroke	114 mm X 159 mm	
Compression ratio	16.6 : 1	
Rated RPM	1500 RPM	
Max. stand by power at rated RPM	245KW	
Frequency regulation , steady state	≤ 1%	
Governor : type	Electrical	

Exhaust System

Exhaust gas flow	633 L/S
Exhaust temperature	525°C
Max back pressure	10.2KPa

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**Fuel System**

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

Total oil capacity w/filters	27.6L
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Air intake

Engine air flow	275L/ 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	LEROYSOMER / LSA46.2 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