

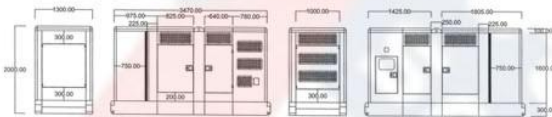
**TC275L**

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 × 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

**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