



PG-24 KW

Powered by FAW

Model	Frequency/RPM	Standby Power	Prime Power
PG-24 KW	60HZ/1800RPM	24KW	22KW
		30KVA	28KVA

* Voltages: 127/220X

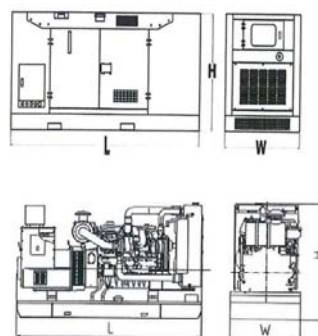
- (1) Prime Power: Ratings are as per DIN 6271, BS55114 and ISO-3046 with 10% overload capacity.
 (2) Standby Power: Power available at variable load for up to a max. of 500 hours during one year of which 300 hours may be for continuous use.
 (3) Operation at Altitude $\leq 1000\text{m}$, Ambient temperature $\leq 40^{\circ}\text{C}$. If altitude higher than 1000m, each 300m will cause additional de-rating 4%.

General Characteristics

Model	PG-24 KW
Engine	FAW 4DW91-38D
Alternator	LEEGA
Speed Control Type	Mechanical
Phase	3
System Voltage	24
Frequency	60HZ
Engine Sped(RPM)	1800
Controller Model	Comap IN-NT MRS3

Dimensions

DIMENSION	OPEN TYPE	SILENT TYPE
Length (L)	1600mm	2100mm
Width (W)	750mm	850mm
Height (H)	1300mm	1140mm
Net Weight (KG)	550kg	800kg





Engine Specification	
Brand	FAW
Model	4DW91-38D
No. of Cylinders and Cycle	4
Compression Ratio	17.0:1
Displacement (L)	2,54
Bore x Stroke (mm)	85*100
Air intake type	Natural
Fan consumption (kw)	2
Oil consumption (l/h)	0,05
Net Engine Weight (kg)	240
Oil capacity including filter (L)	7,8
Engine Coolant Flow (L/s)	2,8
Base Output Power (kW)	31
Fuel Consumption (g/kwh)	240
Emission compliant	stage 2
Exhaust gas flow (m³/min)	6,6
Heat rejection of exhaust (kw)	28,6
Exhaust gas temp. after turbine (°C)	560
27°C air consumption (m³/min)	2,3
Heat rejection of coolant (kw)	21
Starter motor	3.5kw 12v
Alternator	500w 14v

Alternator Specification	
Poles	4
Connection type (standard)	Parallel Star
Insulation	Class" H"
Enclosure (according IEC-34-5)	IP23
Exciter system	Self-excited, brushless
Voltage regulator	A.V.R. (Electronic)
Bracket type	Single bearing
Coupling system	Flexible disc
Coating type	Standard (Vacuum impregnation)

*Alternator meets BS EN 60034 and the relevant section of other international standards such as BS5000, VDE 0530, NEMA MG1-32, IEC34, CSA C22.2 and AS1359.



Options

Engine

- Jacket Water Preheater
- Oil Preheater

Generator Sets

- Tools with the machine

Fuel System

- Low fuel level alarm(included)
- Automatic fuel feeding system

Control Panel

- Remote control panel
- ATS
- Remote controller
- Synchronizing controller

Alternator

- Winding temperature measuring instrument
- Alternator Preheater
- Anti-damp and anti-corrosion treatment
- Anti-condensation heater

Canopy

- Rental type canopy
- Trailer

Exhaust System

- Protection board from heat

Cooling System

- Front heat protection
- Coolant (-30℃)
- Coolant level meter (included)

Lubricating System

- With machine oil