



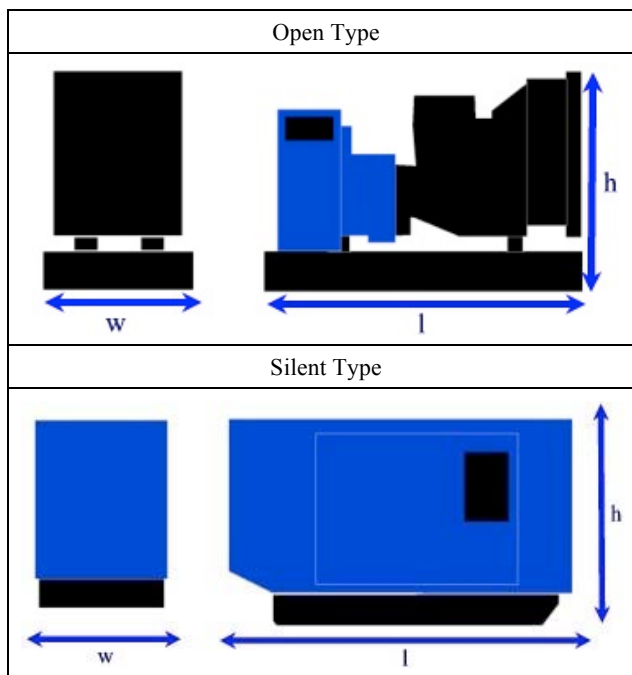
EW22

Standby power : 22 KVA/18KW

Prime power : 20 KVA/16KW

Standard features

- Engine : PERKINS , 404D-22G
- Charge alternator : 12V
- Governor : Electrical
- Generator : STAMFORD , PI144D
- 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
- 14V battery and cable
- Industrial muffler
- User's manual



Weight and Dimensions

GEN-Set	Dimension (Largo×Ancho×Alto)	Peso
Open Type	1410mm×715mm×1080mm	556 Kg
Silent Type	1815mm×741mm×1325mm	806 Kg

Generator Ratings

Voltage	Hz	Phase	Power factor	Standby AMP	Standby Rating (KVA/KW)	Prime Rating (KVA/KW)
400/230	50	3	0.8	32	22/18	20/16

Engine Data

Manufacturer/Model	PERKINS 404D-22G 4-cycle
Cylinder /Arrangement	4 / L
Displacement	2,216L
Bore and Stroke	84 mm×120 mm
Compression ratio	23.3 : 1
Rated RPM	1500 RPM
Max. stand by power at rated RPM	20,6 KW
Frequency regulation , steady state	± 0.75%
Governor : type	Electrical

Exhaust System

Exhaust gas flow	3.64 m³/min
Exhaust temperature	445°C
Max back pressure	10.2 kPa



Fuel System

Fuel consumption 100% (of the Prime Power)	5,4 L / h
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Oil system

Total oil capacity w/filters	10.6 L
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Air intake

Engine air flow	1.45 m ³ /min
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Coolant System

Radiator & engine capacity	7 L
Max water temperature	112°C
Thermostat	82-95°C

Generator Data

Manufacturer / Type	STAMFORD PI144D
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