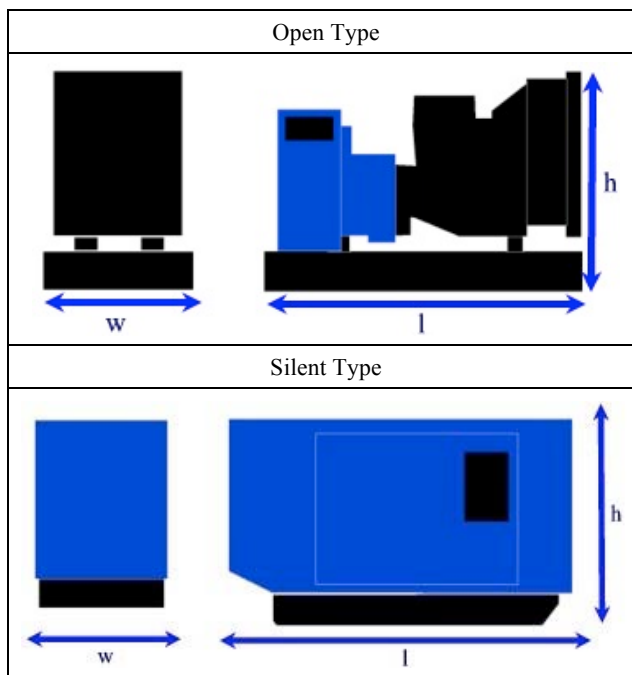


EW15

Standby power : 15 KVA/12KW
Prime power : 13 KVA/10KW

Standard features

- Engine : PERKINS , 403D-15G
- Charge alternator : 12V
- Governor : Electrical
- Generator : STAMFORD , PI044G
- 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
- 12Vcc battery and cable
- Industrial muffler
- User's manual



Weight and Dimensions

GEN-Set	Dimension (Largo×Ancho×Alto)	Peso
Open Type	1410mm×715mm×1080mm	466 Kg
Silent Type	1815mm×741mm×1325mm	716 Kg

Generator Ratings

Voltage	Hz	Phase	Power factor	Standby AMP	Standby Rating (KVA/KW)	Prime Rating (KVA/KW)
400/230	50	3	0.8	21	15/12	13/10

Engine Data

Manufacturer/Model	PERKINS 403D-15G 4-cycle
Cylinder /Arrangement	3 / L
Displacement	1.496 l
Bore and Stroke	84 mm×120 mm
Compression ratio	22.5 : 1
Rated RPM	1500 RPM
Max. stand by power at rated RPM	13,3 KW
Frequency regulation , steady state	± 0.75%
Governor : type	Electrical

Exhaust System

Exhaust gas flow	2.7 m³/min
Exhaust temperature	445°C
Max back pressure	10.2 kPa

Fuel System

Fuel consumption 100% (of the Prime Power)	6,8 L / h
--	-----------

Oil system

Total oil capacity w/filters	16 L
------------------------------	------

Air intake

Engine air flow	1.1 m ³ /min
-----------------	-------------------------

Coolant System

Radiator & engine capacity	6 L
Max water temperature	112°C
Thermostat	82-95°C

Generator Data

Manufacturer / Type	STAMFORD PI144G
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