P12000 230V 50HZ #CONN #DPP



Main Features		
Frequency	Hz	50
Voltage	V	230
Power factor	cos ϕ	0.9
Phase		1

Power Rating		
Emergency Standby Power ESP	kVA	11.9
Emergency Standby Power ESP	kW	10.7
Continuous power COP	kVA	10.0
Continuous power COP	kW	9.1

Ratings definition (ISO-8528)
ESP - Emergency Standby Power:
It is the maximum power available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utility power outage or under test conditions for up to 200 h of operation per year with the maintenance intervals and procedures being carried out as prescribed by the manufacturers. The permissible average power output over 24 h of operation shall not exceed 70 % of the ESP.

COP - Continuos Power:
It is defined as being the maximum power which a generating set is capable of delivering continuously for an unlimited number of hours, with the maintenance intervals and procedure being carried out as prescribed by the manufacturers.

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Engine specifications		
Engine Brand		Honda
Model		GX630
[50Hz] Exhaust emission level		Stage V
Engine cooling system		Air
Displacement	cm³	688
Aspiration		Natural
Operating Speed-Nominal	rpm	3000
Speed governor		Mechanical
Fuel		Petrol
Oil capacity	l	1.9
Starting system		Electric



Alternator Specifications		
Type		Brushless
Class		H
IP protection		23
Poles		2
Frequency	Hz	50
Voltage regulation system		Capacitor

Dimensional data		
Length	(L) mm	990
Width	(W) mm	602
Height	(H) mm	826
Dry weight	kg	188
Fuel tank capacity	l	24

Autonomy		
Fuel consumption at 75% of Load	l/h	4.23
Fuel consumption at 100% of Load	l/h	5.64
Running time at 75% of load	h	5.67
Running time at 100% of load	h	4.26

Noise level		
Guaranteed noise level (LWA)	dB(A)	89
Noise pressure level @ 7 m	dB(A)	61

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GENSET CONTROL PANELS (CONN DPP)



Mounted on the genset and complete of: instrumentation, control, protection of the generating set and sockets.

COMMANDS
- Start selector switch with key: OFF - ON - START
- **CONN**ector for AMF/RSS (Accessory available)

INSTRUMENTATION (DGT)
- Voltmeter
- Hours-counter
- Frequency meter

PROTECTIONS
- Circuit breaker
- Differential protection (**DPP**)
- Oil Guard

SOCKET TYPE

SCHUKO 230V 16A IP54	1
2P+T CEE 230V 16A IP44	1
2P+T CEE 230V 32A IP44	1

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ACCESSORIES CONTROL PANEL

AMF - AUTOMATIC CONTROL PANEL (CONN)



This accessory permits to control all the functions about a generator. It's built to monitor mono phase or three phase with neutral systems in alternate current; it permits to transfer the user's load on generator when the mains voltage is faulty. Conversely, as soon as AMF system detects the power grid, it stops the generator.

Equipment:
- Control and protection unit (DGT)
- Phase detector
- Contactor with interblock
- Battery charged
- Acustic alarm
- 8 meters control wiring (with CONNector)
- External start stop capability
- Emergency stop button

Instrumentation (DGT):
- Mains voltage
- Genset voltage
- Frequency meter
- Hour meter

Alarm & Shutdowns:
- Generators voltage out of limits
- Battery Voltage out of limits
- Low oil Pressure
- Fail to start
- External shutdown

RSS - REMOTE START / STOP (CONN)



RSS Remote start/stop wireless with CONNector (max Distance 90m)

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ACCESSORIES

TRANSPORTATION KIT

with folding handles



MTS- MANUAL TRANSFER SWITCH

Manual transfer switch 40A (for manual control versions 230V)



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The information is aligned with the Data file at the time of download. Printed on 03/04/2024 (ID 20906)

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