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INVERTER : SINEWAVE 1400VA / 24V

ELECTRICAL SPECIFICATION - INVERTER

Output Power	1400VA
Surge rating	4200VA
Output Voltage	220V
Output Frequency	50 + 0.1Hz
Output wave form	Pure Sine wave
Peak efficiency	> 88%
Nominal Battery voltage	24V
DC input voltage range	20V + 0.2V to 28.8 + 0.2
Low battery cutout	20V + 0.2V
Total Harmonic Distortion	Less than 3%
Overload Handling Capability	105% for 6 Minutes 160% for 5 Sec



ELECTRICAL SPECIFICATION - CHARGER

Charger control	Fuzzy Logic Control (FLC)
Charging Current	10.0 + 1.0A
AC input Voltage range	110V - 285V
Max. Battery Boost level	28.8V
Max. Battery Float level	27.4V
Equalization	Manual
Compatible battery types	Lead Acid / SMF
Mains input power factor	0.85 to unity

GENERAL SPECIFICATIONS

Dimensions - L x W x H (mm)	470 x 295 x 170
Weight (kg)	22.7
Warranty	24 Months
Indications	Backlit LCD Messages
	- Input Voltage / Input Frequency
	- Mains Fail/Inverter ON/Inverter Switch OFF
	- Battery charging / charged
	- Short circuit Protection
	- Overload Attention/Protection
	- Low battery Attention/Protection
	- Mains fuse blown
	- Mains Low / High cut
	- Output Voltage / Current
	- In case of problem, displays remedial action also.

ENCLOSURE

Construction	Sheet Steel with Plastic front
Colour	Light Gray
Protection	IP20

ENVIRONMENT

Operating Temperature	0 - 45° C
Audible Noise at 1 meter	< 55 dB
Relative Humidity	Max. 95% Non Condensing

REGULATORY APPROVALS

ISO 9001:2000

CERTIFICATION

CE Certified

* Errors expected and possible alterations without prior notice.

INVERTERS

GREEN ENERGY LLC / GESOLAR FZ LLC
(An ISO 9001:2000 certified company)