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INVERTER : SINE WAVE 3KVA/48V

ELECTRICAL SPECIFICATION - INVERTER

Output Power	3000VA
Surge rating	9000VA
Output Voltage	220V
Output Frequency	50 + 0.1Hz
Output wave form	Pure Sine wave
Peak efficiency	> 88%
Nominal Battery voltage	48V
DC input voltage range	40V + 0.4V to 57.6 + 0.4V
Low battery cutout	40V + 0.4V
Total Harmonic Distortion	Less than 3%
Overload Handling Capability	105% for 6 M 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	57.6V
Max. Battery Float level	54.8V
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)	548 x 345 x 328
Weight (kg)	35
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 - Mains MCB Trip - Mains Low / High cut - Output Voltage / Current - In case of problem, displays remedial action also.

ENCLOSURE

Construction	Sheet Steel with Castors
Colour	Su-Kam 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)