

MADE IN INDIA

SU=mak[®]
SOLAR
For Happy Homes

Advance+
PURE SINE WAVE UPS
1100/12V



Regulates charging
According to battery
Temperature



Zero Switch over Time
Best for IT Equipments



Variable Charging
Backup selection switch
gives you the option to choose
battery size.



All Generator
Compatible



Enjoy Uninterrupted
Power Backup
If UPS Fails

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Technical Specification

MODEL	I100
Volt	12V

VOLTAGE LIMITS NARROW WINDOW (UPS MODE)

Mains A.C. Low Cut	185 $\pm$ 10V
Mains A.C. Low Cut Recovery	190 $\pm$ 10V
Mains A.C. High Cut	265 $\pm$ 10V
Mains A.C. High Cut Recovery	260 $\pm$ 10V

VOLTAGE LIMITS WIDE WINDOW (W-UPS MODE)

Mains A.C. Low Cut	85 $\pm$ 10V
Mains A.C. Low Cut Recovery	90 $\pm$ 10V
Mains A.C. High Cut	290 $\pm$ 10V
Mains A.C. High Cut Recovery	275 $\pm$ 10V

OUTPUT PARAMETER

Mains Output	Same as Input (45Hz-55Hz)
Output Frequency	50.0 Hz. $\pm$ 0.1 Hz
Output Voltage with Full Load	200V/220V $\pm$ 15V
Waveform	Sine Wave
Overload	Above 100%
Short Circuit Protection	>200% Load (Few msec)

BATTERY CHARGING

FLC based SMPS charging with soft start over full range of mains	85V to 290V $\pm$ 10V
Battery type	AGM GEL / VRLA SMF/TUBULAR/
Charging Current	5A / 10A / 15A / 25A $\pm$ 3A
Recommended Battery Capacity	25AH-250AH
Number of Batteries	1

TECHNOLOGY

Digital Signal Processor based state-of-the-art technology using MOSFETs
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ENVIRONMENT

Storage Temp.	0-55°C
Operating Temp.	0-50°C
Humidity	90% Non-condensing
Dimension (W X D X H) in mm $\pm$ 5mm	270 x 275 x 121
Weight Net (Kg) $\pm$ 0.5Kg	9.5 Kg

Note : Specifications are subject to change without any prior notice.



Marketed By.: Su-mak Power Systems Pvt. Ltd.

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