

MADE IN INDIA

SU=mak[®]
SOLAR

eco
Advance
PURE SINE WAVE UPS
700/12V



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Technical Specification

MODEL	700
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	95 $\pm$ 10V
Mains A.C. Low Cut Recovery	105 $\pm$ 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	95A/275A $\pm$ 10V
Battery type	SMF/TUBULAR/Flooded LEAD ACID
Charging Current	10A/13A $\pm$ 2.0 Amp
Recommended Battery Capacity	25AH-200AH
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	7.0 Kg

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



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

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