

MADE IN INDIA

SU=mak[®]
SOLAR

Passion-i

PURE SINE WAVE UPS
5000/48V



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Technical Specification

MODEL FUSION SERIES	5kVA/48V
VOLTAGE LIMITS NARROW WINDOW (UPS MODE)	
Mains A.C. Low Cut	185 ± 10V
Mains A.C. Low Cut Recovery	190 ± 10V
Mains A.C. High Cut	265 ± 10V
Mains A.C. High Cut Recovery	260 ± 10V
VOLTAGE LIMITS WIDE WINDOW (W-UPS MODE)	
Mains A.C. Low Cut	85 ± 10V
Mains A.C. Low Cut Recovery	90 ± 10V
Mains A.C. High Cut	290 ± 10V
Mains A.C. High Cut Recovery	275 ± 10V
OUTPUT PARAMETER	
Mains Output	Same as Input (45Hz-55Hz)
Output Frequency	50.0 Hz. ± 0.1 Hz
Output Voltage with Full Load	200V/220V ± 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 ± 10V
Battery type	SMF/TUBULAR/Flooded LEAD ACID
Charging Current	5A / 10A / 15A / 25A
Recommended Battery Capacity	50Ah-250Ah
Number of Batteries	4
TECHNOLOGY	
Digital Signal Processor based state-of-the-art technology using MOSFETs	
Fuzzy Logic Control Technology	
ENVIRONMENT	
Storage Temp.	0-50°C
Operating Temp.	0-40°C
Humidity	90% Non-condensing
Dimension (W X D X H) in mm	350 x 620 x 325
Weight Net (Kg)	47.2Kg

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



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

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