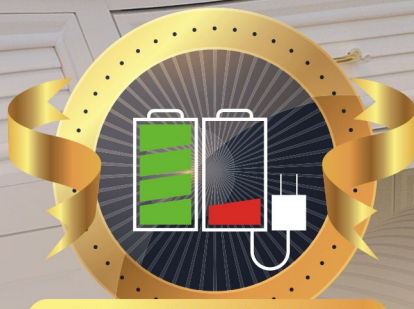


SAVE BIG WITH SAVER

SAVER SOLAR PCU

PURE SINE WAVE PCU (300VA-10KVA)



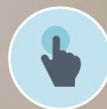
INDEPENDENT CHARGER FOR THE RECOVERY OF DEEP DISCHARGED BATTERY



User friendly LCD Display



Smart Solar Optimization Usage Settings



User friendly interface

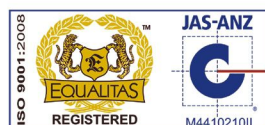


In built strong Solar charge controller.

IS 16242 (Part 1): 2014



R-91004766



PRODUCT SPECIFICATIONS

MODEL NAME	300VA	500VA	700VA	900VA	1100VA	1700VA	2000VA	2500VA	3500VA	5000VA	5000VA	6000VA	7500VA	10000VA	
MAINS MODE															
Mains AC Input range (UPS mode)	175VAC-265VAC ± 10 V														
Mains AC low cut recovery UPS mode	185VAC ± 10VAC														
Mains AC high cut recovery UPS mode	255VAC ± 10VAC														
Mains AC Input range (WUPS mode)	90VAC-285VAC ± 10V														
Mains AC low cut recovery WUPS mode	110VAC ± 10VAC														
Mains AC high cut recovery WUPS mode	285VAC ± 10VAC														
Input Frequency Range	48Hz to 52Hz														
Battery															
DC input voltage	12V			24V		36V		48V		48V		96V		72V 96V 120V	
Battery deep Discharge Recovery	Yes (Independent Charger to Recover Deep Discharged Battery)														
Charging Current 100Ah-135Ah Setting (I/P range 135VAC to 295VAC)	6.5A ± 1A (50-80Ah Battery)		12A ± 1A												
Charging Current 150Ah-220Ah Setting (I/P range 135VAC to 295VAC)	10A ± 1A (100-135Ah Battery)		15A ± 1A												
Backup Mode															
Output voltage / Frequency	220VAC +5% -10% (until battery low alarm) / 50Hz ± 0.2 Hz														
Output waveform	Pure Sine Wave														
Low Battery Cut	10.4V ± 0.2V			21.6V ± 0.2V		32.4V ± 0.4V		43.2V ± 0.4V		86.4V ± 0.4V		64.8V ± 0.4V		86.4V ± 0.4V 108V ± 0.4V	
Change over time UPS /WUPS mode	< 10msec / < 25msec														
Protections															
Overload /Short Ckt./Backfeed in backup mode	Available														
Over tempature/ Reverse Battery	Available														
Phase to Phase protection in mains mode	Yes provided by electronic														
Solar Charge Controller															
Solar Charge Controller type	PWM type														
Maxi Panel wattage can be connected	600W			1500W		3000W		6500W		4500W		6500W		6500W	
Maxi PV current	25A			50A											
Reverse PV protection /current flow to PV	Available														
Sharing of current when PV and Grid Both are available	If PV power is not sufficient enough to charge the battery, system will start sharing battery charging from PV and grid.														
Option for Grid and Battery priority	Available, Customer friendly settings														
Display and Alarms															
LCD Status Display	Mains ON, Input -Voltage/Frequency, Battery -Voltage/Charging/Charged, Charging Current, PV Voltage/current Backup Mode, UPS- ON/OFF, Load %, Output -Voltage/ Frequency and all protections etc.,														
Weight and Dimensions															
Dimensions in mm	301x297x160		270x190x125		340x230x260		350x230x310		530x360x585			550x410x650			
Weight	6.5Kg 7Kg		8.5kg 9.35kg 9.5kg		15.9kg 18.3kg		21.4kg 26.3kg		43kg		51kg		73kg 78kg		



HOME UPS

SOLAR PCU


TUBULAR BATTERY

SMF BATTERY


**MPPT SOLAR
POWER CONDITIONING UNIT**

**SOLAR
CHARGE CONTROLLER**

**SOLAR
KITS & ACCESSORIES**

 **SMARTEN POWER SYSTEMS PVT. LTD.**

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