

Hykon®

Powering the Nation

An ISO 9001 : 2008 Company

Sun ++ Solar Inverter

IPM Technology
Intelligent Power Management



Savings on
Electricity Bills



Features:

- LCD display
- Solar priority option & ups option
- Solar panel connectivity
- Inbuilt heavy duty solar charger
- Intelligent battery Management (IPM)
- Grid charger enable /disable option

Protections:

- PV reverse polarity
- PV surge protection
- Battery over & under voltage
- AC over & under voltage
- O/P over load & short circuit
- AC over & under frequency

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SOLAR WATER HEATER - GREEN UPS - TUBULAR BATTERY - HOME UPS



Specification

Model	SUN++ 900	SUN++ 1200	SUN++ 1750	SUN++ 2500	SUN++ 3750
Capacity	900	1200	1750	2500	3750
DC Battery voltage	12V	12V	24V	24V	48V
Input					
Input Voltage Range Inverter mode	100V-290V±3%				
Input Voltage Range UPS mode	180V-260V±3%				
Frequency	50 ± 3% Hz				
Transfer time inverter mode	≤ 14 m/s				
Transfer time ups mode	≤ 7m/s				
Solar panel & Battery					
PV Input Voltage Max.	25V		50V		100V
PV Input Voltage Min.	16V		32V		65V
PV Max output Max. Capacity in AMPS	20A		20A		20A
PV input Capacity in watts	100W/200W/300W	100W/200W/300W	200W/400W/600W 250W/500W/750W	200W/400W/600W 250W/500W/750W	400W/800W/1200W5 00W/1000W
Battery Ah	100/120/150AH	100/120/150AH	100/120/150AH	100/120/150AH	100/120/150AH
Output					
Voltage	220V ± 20%				
Frequency	50Hz ± 1%				
Output THD v	≤3%				
Waveform	Pure Sine Wave				
Cooling	Forced Air				
Battery Type	LEAD ACID/GEL/Special Solar Battery				
Battery Charging (Grid)	4-15 A DC Settable				
Switching Device	MOSFET				
Display Parameters	Input voltage, output voltage, battery voltage, load, charger on, charging amps, over load, battery low, temperature, ups mode, inverter on , solar mode				
Solid State Protections	Fault Trip Alarm for Battery Low, Output Overload & Short Circuit, Over temperature, PV input high				
Test Standards	IEC61683, IEC60068				