

SAMSUNTM SOLAR

SOLAR HYBRID PCU MPPT BASED 1200/12V



Great
Power Saving
Up To 30%



Battery Charge At
Very Low Voltage
Till 90v



User friendly
Interface



Backup Time
More Than 12%



IN-BUILT BATTERY CHARGER
TO PREVENT DEEP DISCHARGE

ULTRA SERIES



SOLAR HYBRID UPS SERIES TECHNICAL SPECIFICATIONS

PARAMETERS	1200VA(12V)
UPS MODE	
Low Cut	175 ± 10V
Low Cut Recovery	185 ± 10V
High Cut	265 ± 10V
High Cut Recovery	255 ± 10V
Change Over Time	< 10 ms
WUPS MODE	
Low Cut	90 ± 10V
Low Cut Recovery	110 ± 10V
High Cut	295 ± 10V
High Cut Recovery	285 ± 10V
Change Over Time	< 30 ms
Output Voltage Range	230 V Nominal
Output Waveform	Pure Sine Wave
Output Frequency	50 Hz ± 1%
Overload	> 110%
Charging Current (100AH-200AH)	15A ± 1 AMP (Factory Setting)
Charging Boost Voltage (LA/Floded)	14.0 V ± 0.2 V each battery
Charging Boost Voltage (Tubular)	14.5 V ± 0.2 V each battery
Low Battery Warning	10.7 V ± 0.2 V each battery
Low Battery Cut	10.5 V ± 0.2 V each battery
DC Load Low battery cut	10.3 V ± 0.2 V each battery
Operating Temperature	0 to 50 °C
Storage Temperature	0 to 50 °C
Humidity	0 to 95% RH non-conditioning
Solar Charger	
Solar Charger	MPPT
Max. Solar Input Voltage (Voc)	25V each battery
Nominal Voltage	12V
Solar Input Max VMP/Min VMP	21V
Max PV Input Power	450W
Charging Current (Max)	30A
PRIORITY	
Charging Priority	Battery is always charged through Solar Priority
Battery Priority	Firstly use solar power & check battery charged status after that use battery 20% if solar power is available
Grid Priority	Charged Battery always from Solar as well as Grid if solar is not sufficient.
LCD Display	Solar Power/ Mains Status / Battery Charging / Backup Mode Status / Protections etc.
Dimensions (LxWxH) mm	270x190x125
Net Weight (Kg)	8.5 Kg/ 8.75 Kg/ 9.35 Kg/ 9.5 Kg
Gross Weight (Kg)	9.3 Kg/ 10.1 Kg/ 10.25 Kg

Website: www.samsunindia.com | **Mail Us:** info@samsunindia.com

Marketing by: Nbs Solar

www.nbsgroups.com | Contact number India: +91 9441000800