

SOLAR POWER CONTROL UNIT & CHARGE CONTROLLER



TECHNICAL SPECIFICATIONS

MODEL	SPCU 12V 20A	SPCU 24 V 20A	SPCU 48 V20A	SPCU 48V30A
Out Put Specifications	14.5VDC	28.5 VDC	56VDC	56DC
Technology	MPPT Logic P&O Method, Buck Topology			
Controller Efficiency	>95%			
Status Display LCD	Solar ON /OFF , MAINS ON/OFF , LOAD ONSOLAR/MAINS ,POWER IN WATTS.			
Dimension (L*B*H)	350*310*175 (mm)			

MPPT CHARGE CONTROLLER

Solar Panel Voltage	14- 21 VDC	28-45 VDC	56-80VDC	56-80VDC
Out Put Voltage	14.5VDC	28.5VDC	56VDC	56VDC
Controller Current	20 A Max	20A Max	20A Max	30 A Max
Controller Mode	Maximum Power Point Tracking			
Efficiency	>95 %			
Topology	Micro controller based Buck Topology.			
Protections	Battery Over Charge, Over Temperature, Short circuit,			
Operating Temp	0 to 45 Degree C			

SPECIAL FEATURES

This unit senses Mains availability, Battery State, Solar Power Availability and strength and Operates Your Invertor in such a way that All solar power is either stored in battery or utilized as load by tripping your mains supply While not allowing the battery to discharge for a power failure.

This unit brings down your power bill depending on the wattage of Solar Panel You Are installing. Also there is no charging from Mains supply during day times. This saves power up to 20%

This unit can enable you to reduce the ampere hour of battery you need for the next battery change.

This is a green energy solution. So be proud that you are part of team against Global warming.

Blue Chip Energy Solutions (P) LTD

(An ISO 9001:2008 Certified Company)

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