

# Solar Charge Controller



## 12V/6A

Application	Home Lightning System, Battery Charging, Off Grid Solar
<b>ELECTRICAL SPECIFICATION:-</b>	
Operating Voltage	12V/6A
Recommended SPV Wattage (max.)	75Wp
Charging and Load Efficiency	>90%
Max. Load Current	4A
Max. Panel Current	6A

## 12V/10A

Application	Home Lightning System, Battery Charging, Off Grid Solar
<b>ELECTRICAL SPECIFICATION:-</b>	
Operating Voltage	12V/10A
Recommended SPV Wattage (max.)	100Wp
Charging and Load Efficiency	>90%
Max. Load Current	4A
Max. Panel Current	10A



## INDICATION:-

Normal Indication (Green LED)	Full Glow Indicated Working Properly	Charging & Full Charging	Green LED Continuous Glow Indicates Charging, When Battery is Full Charged Green Will Start Blinking
Battery Low (Red LED)	Full Glow Indicated Battery is Discharged		
Overload Indication	Red LED Full Glow	Extra Features	Mobile Charging Available

## 12V/20A MPPT (LCD Option Available)

Type	MPPT SCC with 16x2 LCD display
Input voltage	12 V
Charging current (Max.)	20A
Load current (Max.)	10A
Maximum efficiency	> 90%
No. of Load Output	Switch to On/Off the loads
	1 Nos. USB port for mobile charging
	5 Nos. DC Connector for LED bulbs
	1 Nos. DC Connector for DC Fan
Bluetooth & GSM/GPRS	1 Nos. DC Connector for DC TV (3A Max.)
	Remotely Operating and Monitoring the performance of each system. It uses a range of wireless connection and technologies.
<b>Indications:</b> Battery Low - Yellow LED glow, Charging - Green LED glow, Full charge - Green LED off, Normal Operation - Green LED glow, Other fault - Red LED blink, Overload LED blink	
<b>Protections:</b> Battery over charge, Battery deep discharge, Over load/Short circuit protection with auto shut down and restart. Solar and battery reverse protection, Temperature compensation, Reverse current from battery at night, Surge protection	
<b>LCD Display Parameters:</b> PV voltage, PV current, Battery voltage, Battery current, Load current, Battery percentage, Battery backup time left (Hrs. - min), Faults	

