

SOLAR MPPT CHARGE CONTROLLOR-12V

Technical Specification				
Model			12V/40A	
Input (Solar)	Technology		2- Phase Interleaved MPPT	
	Max PV Input Voltage		22.00V To 44.00 V	
	Max PV Input Current		40.0A	
	Max PV Array Power (Wp)		500W	
	Nominal Battery Voltage		12.00V DC	
	Bulk Voltage		14.40 V (Adjustable 14.20 –14.40 Volts)	
	Float Voltage		13.80 V (Adjustable 13.60 –13.80 Volts)	
Protections	Output Over Voltage		Provided	
	Battery over charge		Provided	
	PV Reverse		Provided	
	Battery Reverse		Provided	
	Reverse Current Flow From Battery to Panel		Provided	
Indications	LED	Main function	LED Status	Sub Function
	GREEN	Charging mode	Blinking with 1 Second 1 interval	Solar Power Nil
			Blinking with 1 Second 2 interval	Solar Charger ON
			Blinking with long on time	Solar Charger OFF
	ORANGE	Orange LED: Fault mode	Orange LED continuous on.	Reverse polarity of PV
	RED	Red LED: Fault mode	Red LED continuous on.	Reverse polarity of Battery
Overall	Temperature		0–50°C	
	Relative Humidity		0–95% Non Condensing	
	Dimensions (W×D×H) are in mm		260x225x130	
	Weight		5 kgs	
*** Due to Continuous Development Specifications is Subject to Change without Notice.				