

# PWM SOLAR CHARGER

## Just Switch On and Simply Forget

Advance MICRO CONTROLLER based PWM products have been carefully designed to operate in both industrial and commercial environments. In commercial applications, our solar products fit according to aesthetically into the environment and perform reliably for years.



### ***SALIENT FEATURES***

High – Efficiency series regulation charging process.

Electronic protection over charging, over discharging, overload and short circuit.

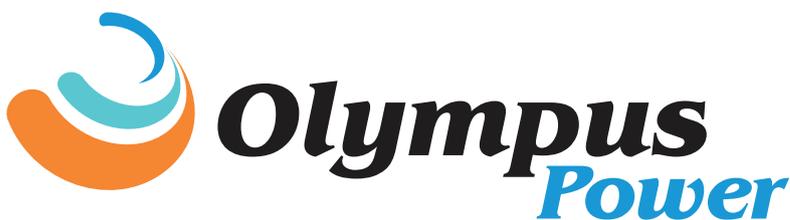
Reverse battery protection.

Extremely compact polycarbonate moldings.

Intelligent system optimum controller.

It has distinct advantages over conventional on-off type of charging.

PWM charging gives better SOC of battery utilizes full power from panel over conventional on-off type of charging



Model	SCC-12-5A-PWM SCC-24-5A-PWM	SCC-12-10A-PWM SCC-24-10A-PWM	SCC-12-15A-PWM SCC-24-15A-PWM	SCC-12-20A-PWM SCC-24-20A-PWM
Capacity (PV)	5A Max.	10A Max.	15A Max.	20A Max.
System	12V / 24V	12V / 24V	12V / 24V	12V / 24V
Control System	Low Loss, PWM Type			
No Load Current / Quiescent Current	<5mA			
Output Voltage Drop	<300mV at 5 A load			
Input Voltage Drop	<300mV at 5 A charge			
Low Voltage Disconnect	10.7V / 21.4V			
High Voltage Disconnect	14.4V / 28.8V			
Low Voltage Reconnect	12.7V / 25.4V			
High Voltage Reconnect	14.35V / 28.7V			
Protection	Short circuit and overload at load			
	Over current from panel			
	Reverse polarity of Battery and Panel			
	Reverse current flow from Battery to panel			
	Lightening protection in panel circuit			
Application	In door use only			
<b><u>ENVIRONMENTAL</u></b>				
Operating	0°C to 50°C			
Acoustic Noise	≤45dB at 1 meter			
Relative Humidity	95% (non - condensing)			
Cooling Method	Natural			
Degree of Protection	IP 20			
<b><u>DIMENSION</u></b>				
Cabinet	60 X 160 X 120	60 X 160 X 120	60 X 160 X 120	60 X 160 X 120
Cabinet Weight (kg)	0.24	0.24	0.24	0.24
Shipping	65 X 165 X 125	65 X 165 X 125	65 X 165 X 125	65 X 165 X 125
Shipping Weight	0.74	0.74	0.74	0.74
Housing Material	Powder coated / Painted MS/ Plastic BS			
<b><u>CERTIFICATIONS</u></b>				
Quality	ISO 9001 : 2008			
<b><u>WARRANTY</u></b>				
Product Warranty	1 - year limited warranty			

We are committed to continuous development of our products, the specification are subject to change without notice.



**OLYMPUS POWER PVT.LTD.**

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