

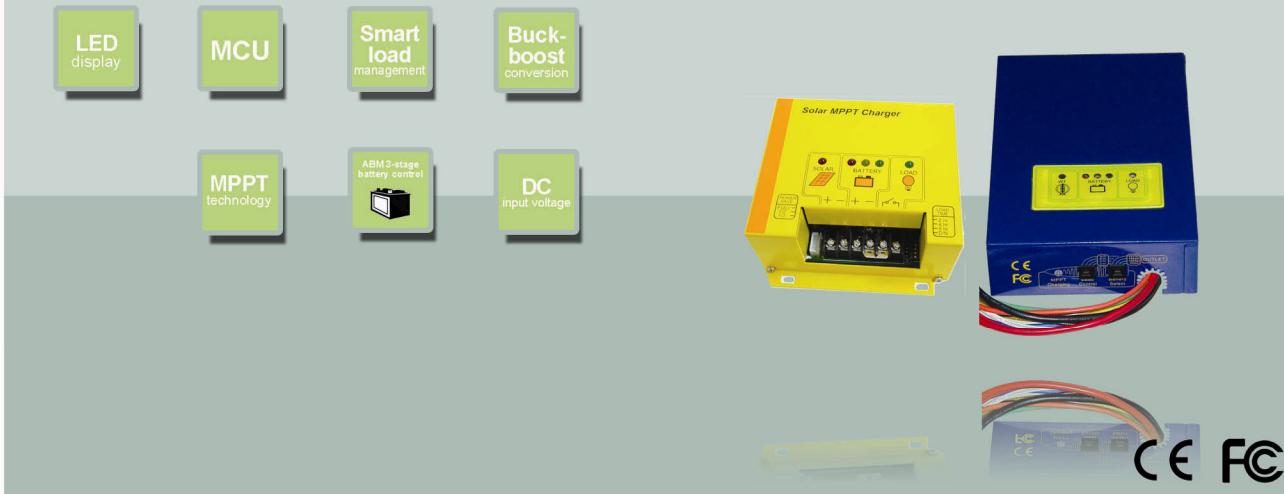
Solar Charge Controller with MPPT

70W - 250W

SCHG-12100E
SCHG-12200E

SCHG-24200E
SCHG-24400E

Simple Efficient Reliable Flexible



Model	SCHG-12100E 70W	SCHG-24200E 100W	SCHG-12200E 200W	SCHG-24400E 250W
Input (DC)				
Rated input current	6A	6A	15A	15A
Charging start voltage	6V	6V	6V	6V
Input voltage range	6 - 50 VDC	6 - 50 VDC	6 - 50 VDC	6 - 50 VDC
Output (DC)				
Output voltage	12V	24V	12V	24V
Rated charging current	5.83A	4.16A	16.66A	10.41A
System				
MPPT efficiency	> 90%	> 90%	> 90%	> 90%
Max. charge efficiency	> 85%	> 85%	> 85%	> 85%
Battery low shutdown	10.5V	21V	10.5V	21V
Battery protection voltage	14.4V	28.8V	14.4V	28.8V
DC Load control				
Rated load current	8A max	16A max	16A max	16A max
Load management	16 Seg.	16 Seg.	16 Seg.	16 Seg.
Environment				
Operation temperature	-20 to 40 °C	-20 to 40 °C	-20 to 40 °C	-20 to 40 °C
General information				
W x H x D (mm)	113 x 98 x 50	113 x 98 x 50	200 x 142 x 50	200 x 142 x 50
Weight (kg)	0.7 kg	0.7 kg	1.7 kg	1.7 kg