

Thin-Film Solar Charge Controller with MPPT

70W

SCHG-12100-TF

Simple Efficient Reliable Flexible



Model	SCHG-12100-TF
Nominal power	70W
Input (DC)	
Rated input current	2A
Charging start voltage	10V
Input voltage range	10 - 80 V
Output (DC)	
Output voltage	12V
Rated charging current	5.83A
System	
MPPT efficiency	> 90%
Max. charge efficiency	> 85%
Battery low shutdown	10.5V
Battery protection voltage	14.4V
DC Load control	
Rated load current	8A max
Load management	16 Seg.
Environment	
Operation temperature	-20 to 40 °C
General information	
W x H x D (mm)	113 x 98 x 50
Weight (kg)	0.7 kg