

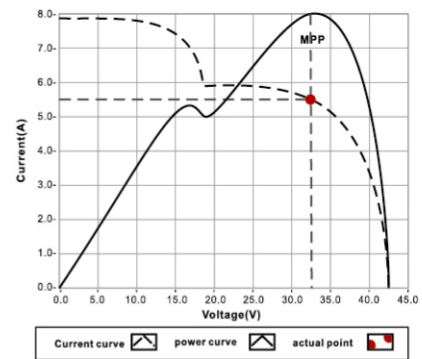
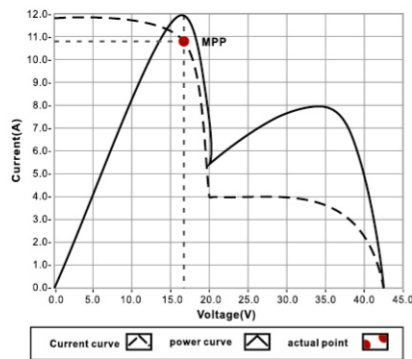
SOLAR CHARGE CONTROLLER

SPECIALIZED FOR SOLAR PV POWER SYSTEM

MPPT

RG-SF SERIES





MPPT double peaks drawing

Max Charging Current	15A	20A	30A
Max Discharging Current	15A	20A	30A
System Voltage	12V/24V		
PV Max Input Voltage	75V at minimum operating environment temperature 70V at 25°C environment temperature		
MPP Voltage Range	(Vbat+2V) ~ 65V		
PV Max Input Voltage	12V 190W 24V 380W	12V 260W 24V 520W	12V 390W 24V 780W
Self-consumption	≤23mA		
USB Output	DC 5V/2A		
LVD	11.0V ADJ 9V....12V ; ×2/24V		
LVR	12.6V ADJ 11V....13.5V ; ×2/24V		
Float Voltage	13.8V ADJ 13V....15V ; ×2/24V ;		
Boost Voltage	14.4V ; ×2/24battery voltage less than 12.6v restart boost		
Battery Over Voltage Protection	2hours 16.5V ; ×2/24V		
Reverse Connection Protection	Yes		
Load Over Current Protection	Yes, each 30s auto restart again		
Controller Over Temperature Protection	Yes		
Charging Type	MPPT		
Temperature Compensation	-24 mV /°C for 12Vsystem ; ×2/24V ; ×4/48V		
Working Temperature	-20°C - - +55°C		
Terminals Scale	10mm2	10mm2	16mm2
Waterproof Grade	IP32		
Size	165mm×123mm×46mm	195mm×123mm×46mm	205mm×157mm×53mm
New Weight	0.63KG	0.82KG	1.2KG