

## Technical Parameter

Model	EPRC-G (12V, 10A, 60W)	EPRC-G (24V, 10A, 60W)	EPRC-G (12V, 10A, 100W)	EPRC-G (24V, 10A, 100W)	EPRC-G (12V, 20A, 200W)	EPRC-G (24V, 20A, 400W)
Rated operation voltage	DC 12V	DC 24V	DC 12V	DC 24V	DC 12V	DC 24V
Output voltage range	DC 11.1-14.4V	DC 22.2-28.8V	DC 11.1-14.4V	DC 22.2-28.8V	DC 11.1-14.4V	DC 22.2-28.8V
Rated charging current	10A				20A	
Rated load current	5A	2.5A	10A	5A	16.5A	17A
Max output power	60W	60W	100W	100W	200W	400W
Output over-load capacity	105%-150% (200ms,50ms,20ms)					
AC input voltage range	AC 170-264V					
AC input frequency range	47-63Hz					
Solar & electricity charging cycle voltage	≤0.26V				≤0.18V	
Transfer city power to offer power	DC 11.1V	DC 22.2V	DC 11.1V	DC 22.2V	DC 11.1V	DC 22.2V
Transfer solar power to offer power	DC 12.6V	DC 25.2V	DC 12.6V	DC 25.2V	DC 12.6V	DC 25.2V
Solar power add charging voltage	DC 14.6V	DC 29.2V	DC 14.6V	DC 29.2V	DC 14.6V	DC 29.2V
Solar power boost charging voltage	DC 14.4V	DC 28.8V	DC 14.4V	DC 28.8V	DC 14.4V	DC 28.8V
Solar power float charging voltage	DC 13.6V	DC 27.2V	DC 13.6V	DC 27.2V	DC 13.6V	DC 27.2V
Solar power boost charging back voltage	DC 13.2V	DC 26.4V	DC 13.2V	DC 26.4V	DC 13.2V	DC 26.4V
Temperature compensation index	- 5mv/°C/2V (elevate, boost charging, float charging,back to voltage compensation)					
Controlling way	PWM					
Protection function	Over-load protection, short-circuit protection, battery reverse battery protection					
Operation environment temperature	Industrial grade: -35°C to +55°C					