

6 Technical Specification

Model	Pstar-30A	Pstar-60A	Pstar-80A
PV Input			
Max. Input Power:			
For 12V system	≤360W	≤720W	≤960W
For 24V system	≤720W	≤1440W	≤1920W
For 36V system	≤1080W	≤2160W	≤2880W
For 48V system	≤1440W	≤2880W	≤3840W
Input Voltage Range:			
For 12V system	18~23V		
For 24V system	30~46V		
For 36V system	50~69V		
For 48V system	60~92V		
Charge Mode			
Charging technology	PWM		
Charge Algorithm	3-Stages		
Self-consumption	≤20mA		
Nominal System Voltage	12V/24V/36V/48V		
Rated Charging Current	30A	60A	80A
DC output			
Rated Output Current	20A	35A	50A
USB Interface	5V/2A*2		
Environment			
Operating Temperature Range	-20℃~~+55℃		
Humidity Range	≤90%, Non-condensing		
General Specification			
Protection Class	IP30		
Dimension	187*94*49mm	187*132*60mm	187*132*60mm
Net weight	0.49kg	0.77kg	0.79kg