

MPPT

MPK7 Series

Open circuit voltage 150V/200V
System voltage 24V/36V/48V
Rated charge current 60A-120A



Function introduction



MPPT



Protections



LCD color display



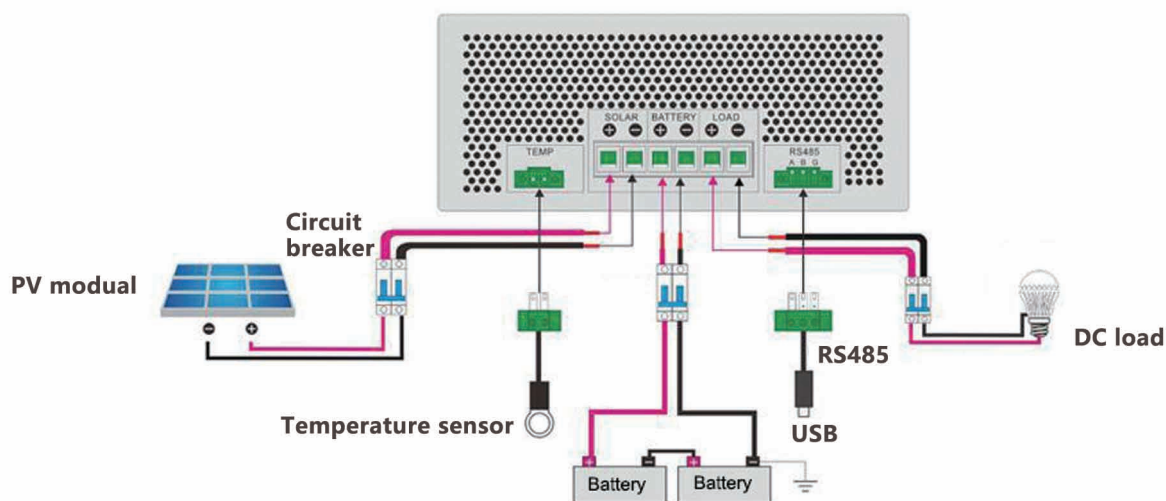
Temperature compensation

RS485/RJ45 port (Optional)



Forced air cooling





PRODUCT PARAMETERS

Model	MPK7-60	MPK7-80	MPK7-100
Input			
Maximum PV Voltage	180V		
Minimum PV Voltage	40V	60V	80V
Rated Charging Current	60A	80A	100A
PV Maximum Output Power	3120W	4160W	6240W
Output			
System Voltage	12V~48V adaptive		
Rated Output Current	30A	40A	40A
Highest Accuracy	> 99%		
Maximum Charging Efficiency	> 97%		
Charging Control Mode	Multi-stage (MPPT, Absorption, Floating, Balanced, CV)		
Float Charge	13.8V/27.6V/41.4V/55.2V		
Absorption Charging	14.4V/28.8V/43.2V/57.6V		
Equalizing Charge	14.6V/29.2V/43.8V/58.4V		
Undervoltage Protection	10.8V/21.6V/32.4V/43.2V		
Undervoltage Recovery	12.6V/25.2V/37.8V/50.4V		
Load Control Method	Time control, light control, timing control, reverse light control		
Light Control Point Voltage	10V	15V	20V
Battery Type	GEL battery, lead-acid battery, lithium battery, etc.		
Other			
Display	LCD		
Cooling Method	Intelligent air cooling		
Communication	RS485, RJ45 interface		
Operating Temperature	-20~+55℃		
Storage Temperature	-30~+80℃		
Relative Humidity	10%~90% no condensation		
Size	510*340*320mm	500*365*355mm	565*435*375mm
Weight	11kg	13kg	20kg