Rated charge current	10A	20A	30A	40A	50A	60A
Input						
Max open voltage of solar panel	<75V		<100V			
System rated voltage	12/24V Auto recognized					
Maximum battery voltage	8V-32V					
Maximum input power	130W (12V) 260W (24V)	260W (12V) 520W (24V)	390W (12V) 780W (24V)	520W (12V) 1040W (24V)	650W (12V) 1300W (24V)	780W (12V) 1560W (24V)
Output						
Battery type	User default, Sealed, Flooded, GEL, LiFePO4, Li(NiCoMn)O2.					
Equalized charging voltage ※	Maintenance-free lead-acid battery :14.6V, GEL:No;Lead-acid Flooded battery: 14.8V			Duration: 2hours		
Absorption charging voltage ※	Maintenance-free lead-acid battery :14.4V, GEL:14.2V ;Lead-acid Flooded battery: 14.6V			Duration: 2hours		
Float charging voltage ※	Maintenance-free lead-acid battery, GEL, lead-acid Flooded battery : 13.8V					
LVR ※	Maintenance-free lead-acid battery, GEL, lead-acid Flooded battery : 12.6V					
LVD ※	Maintenance-free lead-acid battery, GEL, lead-acid Flooded battery : 10.8V					
Static loss	≤ 50mA					
HVD	Lead acid battery 16V					
Light control voltage	5V/10V/15V/20V					
Temperature compensation coefficient	-4mV/°C/2V(25°C)					
Discharge loop voltage drop	≤0.2V					
LCD temperature	-20°C ~ +70 °C					
Operating temperature	-20°C ~ +55 °C					
Storage temperature	-30 ~ +80 °C					
Working humidity	≤90%, No condensation					
Protection class	IP30					
Grounded type	Positive grounded					
Dimension	175mm*120mm*47mm		215mm*145mm*75mm		261mm*191mm*84mm	
Hole size for installation	120mm*108mm		133mm*130mm		180mm*214mm	
Aperture for installation	Φ5mm					
Terminal wiring	10mm² /7AWG		16mm² /5AWG		25mm² /3AWG	
Optional function	RS485/RJ45 port					
※ Above the parameters are in 12V system at 25°C, twice in 24V system.						