

MODEL	SR4830	SR4860	SR4880
<b>PV INPUT (PV)</b>			
Maximum PV Voltage (VOC)	135V (-20°C) 145V (25°C)		
System Voltage	12V/24V/48V auto; 36V set		
MPPT Voltage Range	Battery voltage+3V-120V		
Suggest Input VOC Voltage	22V/40V/60V/80V		
Number of MPPT Trackers	1		
<b>MAX.PV INPUT POWER</b>			
12V	400w	800W	1100w
24V	800W	1600W	2150W
36V	1200W	2400W	3200W
48V	1600W	3200W	4300W
<b>CHARGER OUTPUT (DC)</b>			
Max. Output Current(revisable)	30A	60A	80A
Rated Load Current	20A		

Max. Capacitive Load Capacity	100UF
Ripple Voltage	<0.5%
Applicable Battery Type (ex-factory default lead-acid battery)	Sealed lead-acid battery/Gel battery/Flooded battery/Tithium battery, other battery types can be customized
<b>EFFICIENCY</b>	
Max. Efficiency	<98%
MPPT Efficiency	>99%
<b>PROTECTION</b>	
Protect function	PV input over voltage protection; PV input over current protection output over voltage protection; output over voltage protection PV/battery anti-reverse protection; over temperature protection Battery low/high voltage protection; load over current protection Load short circuit
<b>REGULAR DATA</b>	
Unloaded Loss	<1.5w
Operating Temperature	-20°C~+45°C
Dimension. D*W*H (mm)	279*201*96mm
Net Weight (kgs)	3.6kg

Elevation Height	0% to 95% (No condenser)
Cooling Concept	Natural
IP Rate	IP 20
Communication Interface	RS232 (Extensible interface)