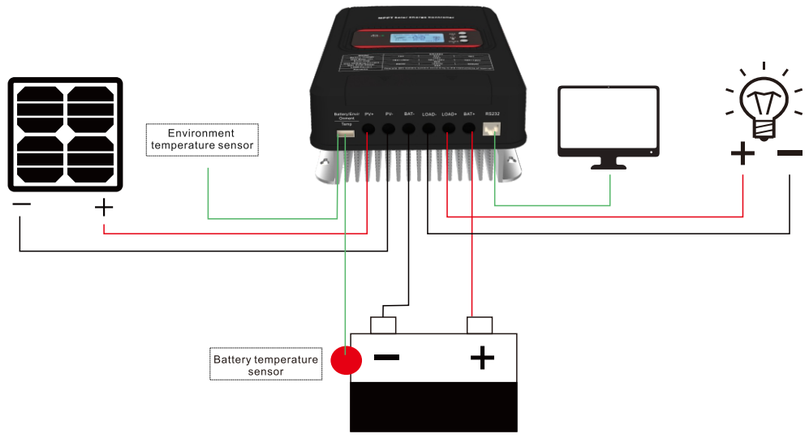
SR SERIES

Features

- *12V / 24V / 36V / 48Vdc settable*
- *12 safety precautions*
- *Support Lithium battery*
- *Battery type seletable*
- *All kind of protections*
- *Charging current : 30A / 60A / 80A*
- *MPPT track efficiency can reach to 99.9%*
- *LED and LCD display show operation status*

Overview

Solar System Connection



Product Data Sheet

MODEL	SR4830	SR4860	SR4880
PV INPUT(PV)			
Maximum PV Voltage(VOC)	135V(-20℃)145V(25℃)		
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		
MAX. PV INPUT POWER			
12V	400W	800W	1100W
24V	800W	1600W	2150W
36V	1200W	2400W	3200W
48V	1600W	3200W	4300W
CHARGER OUTPUT(DC)			
Max.Output Current(revisable)	30A	60A	80A
Rated Load Current	20A		
Max.Capacitive Load Capacity	10000uF		
Ripper 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		
EFFICIENCY			
Max.Efficiency	< 98%		
MPPT Efficiency	> 99%		
PROTECTION			
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		
REGULAR DATA			
Unloaded Loss	< 1.5W		
Operating Temperature	-20℃~+45℃		
Dimension.D*W*H(mm)	238*180*90mm	280*202*97mm	297*214*90mm
Net Weight (kgs)	2. 3kg	3.6kg	
Elevation Height	0% to 95%(No condensat)		
Cooling Concept	Natural		
IP Rate	IP 20		
Communication Interface	RS232(Extensible interface)		

MPPT Charging | Multi-peak tracking | automatic recognition | 3-stage charging | Photovoltaic input 150 VOC | PC Communication | LCD Display | IP Rate