

# MPPT Solar Charger Controller AP Series



### Smart control

Three charging stage to protect your battery



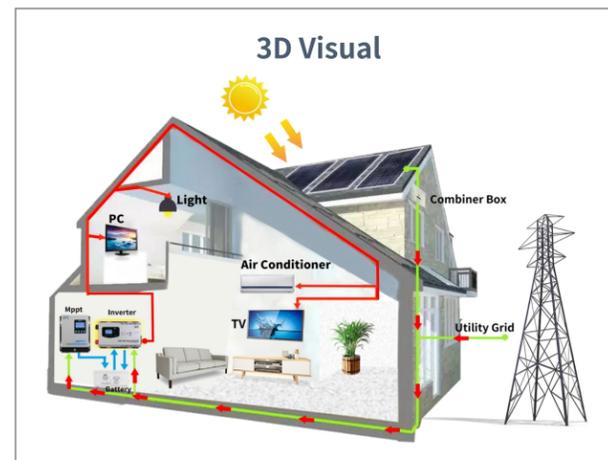
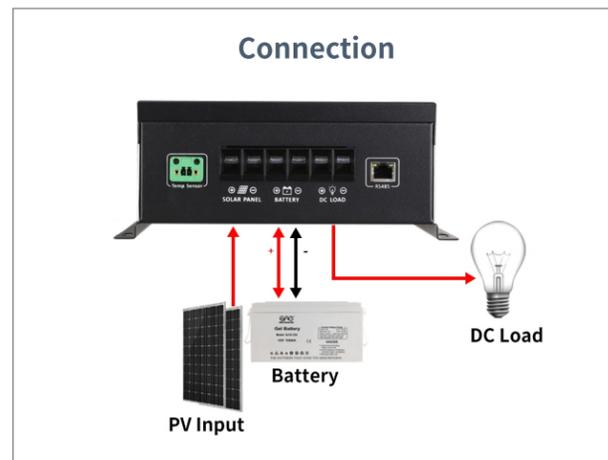
### Stable & Durable

Inbuilt intelligent cooling system , auto speed fan cooling ,prolong life span



### Battery Type

Sealed Lead Acid battery  
Absorbent Glass Mat Battery  
Water battery  
**Lithium battery**



# Technical Specification

Model	AP-20	AP-30	AP-40	AP-50	AP-60	AP-80	AP-100	AP-120
Rated Current	20A	30A	40A	50A	60A	80A	100A	120A
Maximum Charging Current	22A	32A	42A	52A	62A	82A	102A	122A
<b>Mppt Range Operating Voltage</b>								
12VDC	18VDC~80VDC							
24VDC	30VDC~100VDC							
36VDC	40VDC~100VDC							
48VDC	60VDC~150VDC							
96VDC	Not Available				120VDC~200VDC			
<b>Maximum Pv Array Power</b>								
12VDC	280W	420W	570W	700W	900W	1140W	1400W	1800W
24VDC	550W	840W	1130W	1400W	1700W	2260W	2800W	3400W
36VDC	840W	1260W	1710W	2100W	2700W	3420W	4200W	5400W
48VDC	1100W	1650W	2270W	2800W	3400W	4540W	5600W	6800W
96VDC	Not Available				7200W	9120W	11200W	14400W
<b>Battery</b>								
Supportable Battery Type	Gel/SLA/AGM/Water/Lithium(lifepo4) battery							
Charging Mode	Three Stages: Constand Current(mppt),equalizing Charge, Floating Charge							
Maximum Efficiency	≥99%							
<b>Communication Portal</b>								
Communication	RS485							
<b>Physical</b>								
Dimension, D*W*H(MM)	290*250*160			365*290*160			573*365*195	
G.W.(KGS)	3.5KGS			4.5KGS			13KGS	
*Product Specifications Are Subject To Change Without Further Notice								