MPPT Solar Charger Controller
AP Series



Smart control

Three charging stage to protect your battery

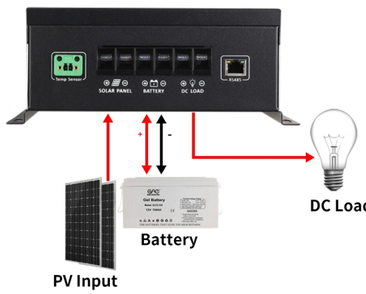
Stable & Durable

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

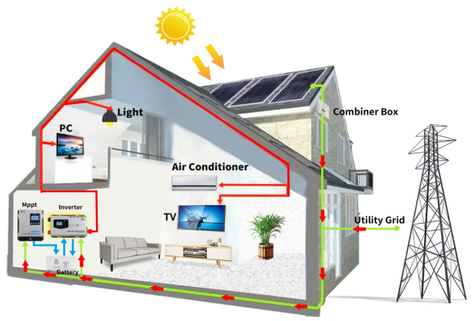
Battery Type

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

Connection



3D Visual



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
Mppt Range Operating Voltage								
12VDC	18VDC~80VDC							
24VDC	30VDC~100VDC							
36VDC	40VDC~100VDC							
48VDC	60VDC~150VDC							
96VDC	Not Available				120VDC~200VDC			
Maximum Pv Array Power								
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
Battery								
Supportable Battery Type	Gel/SLA/AGM/Water/Lithium(lifepo4) battery							
Charging Mode	Three Stages: Constand Current(mppt),equalizing Charge, Floating Charge							
Maximum Efficiency	⩾99%							
Communication Portal								
Communication	RS485							
Physical								
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