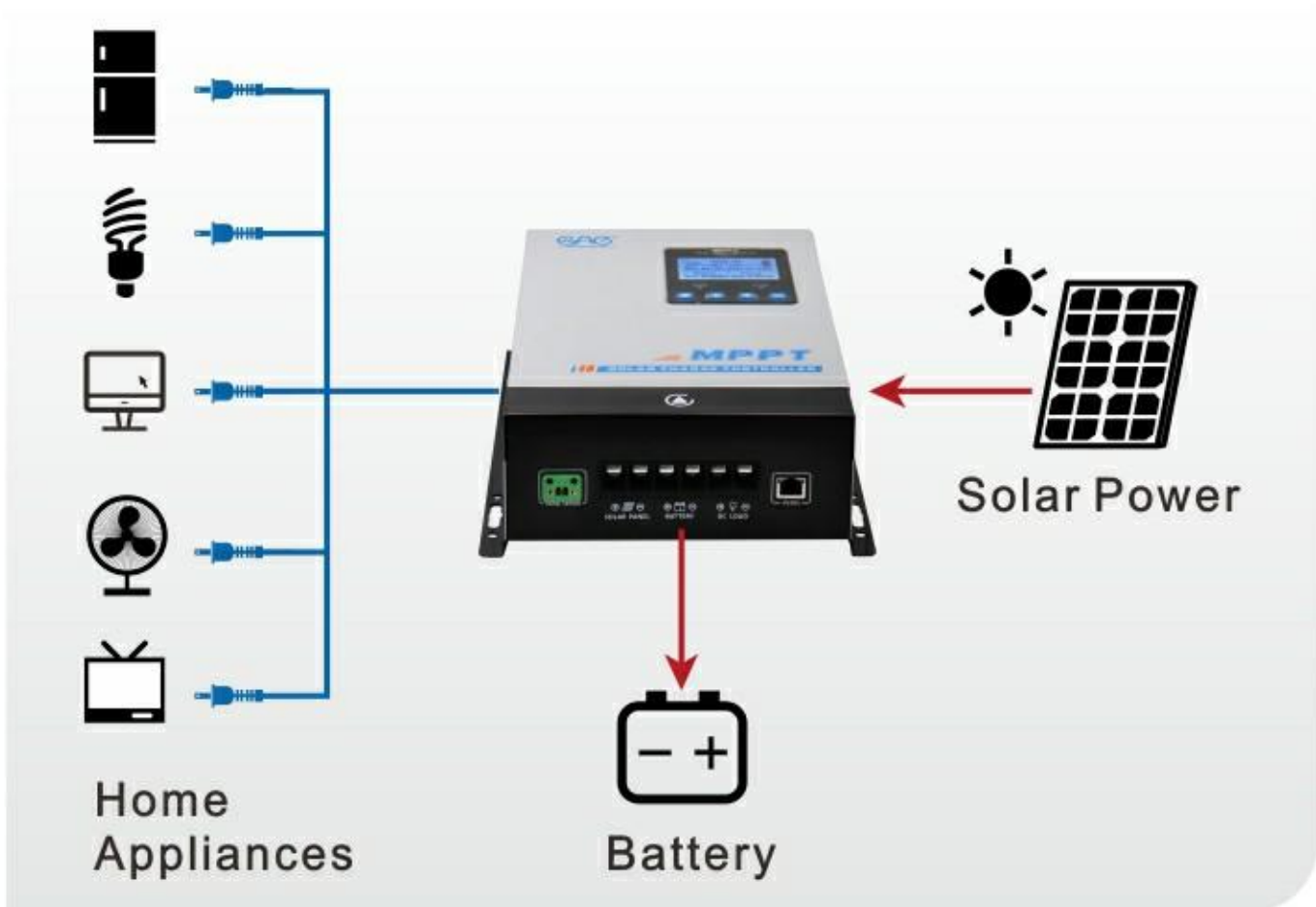


# AP-SERIES MPPT SOLAR CHARGE CONTROLLER

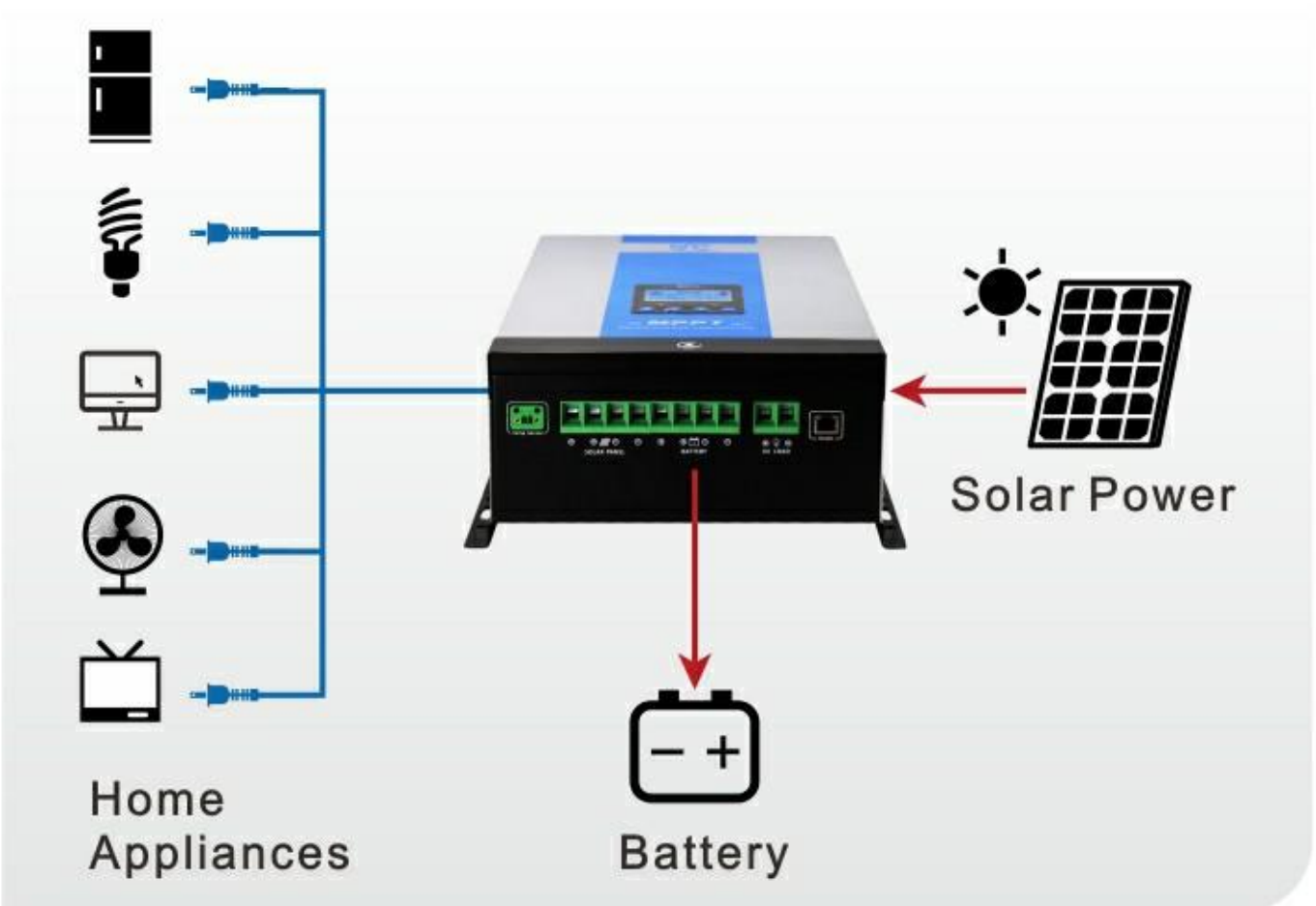


- 1. The efficiency is up to 99%.
- 2. Intelligent DSP control chipset.
- 3. Intelligent LCD display with multiple function.
- 4. Switching power is supplied by independent system.
- 5. True Over Temperature Protection.
- 6. New and original electronic components.
- 7. Internal circuit lines and signal lines are based on plug-pull blocks, not welding.

1 Solar Power



1 Solar Power



## MPPT-AP-SERIES SOLAR CHARGE CONTROLLER SELECTION GUIDE

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	12V SYSTEM	18VDC~80VDC							
	24V SYSTEM	30VDC~100VDC							
	36V SYSTEM	40VDC~100VDC							
	48V SYSTEM	60VDC~150VDC							
	96V SYSTEM					120VDC~200VDC			
MAXIMUM PV ARRAY POWER	12V SYSTEM	280W	420W	570W	700W	900W	1140W	1400W	1800W
	24V SYSTEM	550W	840W	1130W	1400W	1700W	2260W	2800W	3400W
	36V SYSTEM	840W	1260W	1710W	2100W	2700W	3420W	4200W	5400W
	48V SYSTEM	1100W	1650W	2270W	2800W	3400W	4540W	5600W	6800W
	96V SYSTEM					7200W	9120W	11200W	14400W
SUPPORTABLE BATTERY TYPE		SEALED LEAD ACID/GEL/NICAL/LIFEPO4 LITHIUM BATTERY							
CHARGING MODE		THREE STAGES: CONSTAND CURRENT(MPPT),EQUALIZING CHARGE, FLOATING CHARGE							
MAXIMUM EFFICIENCY		≥99%							
COMMUNICATION		Rs485							
CARTON SIZE		191*215*89mm			230x279x91mm		230x304x91mm	303x436x138mm	
G.W.		3.5KGS			4.5KGS		4.5KGS	13KGS	

\*PRODUCT SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT FURTHER NOTICE