

MPPT Solar Charge Controller



1. Aluminum case and excellent heat dispersion
2. Perfect maximum power tracking, improve efficiency of solar system >98%
3. Tracking rate of maximum power is above 99%
4. English&Chinese LCD display
5. Temperature resistance above 150.
6. Lifespan is 10 years

Model	T2-20A-MC	T2-30A-MC	T2-40A-MC	T2-50A-MC	T2-60A-MC
Rated System Voltage	12/24/48V				
Rated Battery Current	20A	30A	40A	50A	60A
Rated Loading Current	20A	30A	40A	50A	60A
Identify Range Of Battery Voltage	12V(9-15V) 24V(18-28V) 48V(42-60V)				
MPPT Working Voltage And Range	12/24V(DC14V~DC100V; DC30V~DC100V)				
	24/48V(DC30V~DC150V; DC60V~DC150V)				
Maximum PV Battery Input Power	12V	276W	552W	1104W	1325W
	24V	414W	828W	1656W	1988W
	48V	690W	1380W	2760W	3312W
Balance Voltage	14.6V*N				
Voltage Upgraded	lead-acid batteries 14.4V*N/Gel batteries 14.2V*N				
Float Charge Voltage	13.8V*N				
Disconnect Low Voltage And Restore It	136.V*N				
Disconnect Low Voltage	11.1V*N				
Static Power	less then 3V				
Grounding Type	Cathode grounding				
Temperature Compensation	-3mV°C/2V				
Temperature Protection	85°C				
Other Protection	Avoid PV array short circuit, over voltage, over discharge and converse connection discharge, overloading, short circuit and over heat.				
Working Temperature	-35°C to 55°C				
Humidity	0~90%RH(no condensation)				
Elevation	0~3000m				
Security Level	CE, PSE, FCC, EMC				
Machine Protection Grade	IP21				
Color	Green/Red/Yellow(customized available)				
Size(mm)	208*146*78	255*190*105	253*203*78	298*247*105	
Weigh(KG)	N.W.:1.8	G.W.:2.3	N.W.: 2.8	G.W.: 3.3	

*above please reference:the working evironment is under 25°C, the sytem date is 12V, voltage =24V/36V/48V(N is seperated for 2/3/4)