



Model	15A	30A
Rated charge current	15A	30A
Rated discharge current	15A	30A
Battery voltage range	8 - 32V	
System nominal voltage	12/24VDC Auto detection except when lithium batteries are used	
Max. PV open circuit voltage	75V at minimum operating environment temperature	
Max. PV open circuit voltage	70V at 25°C environment temperature	
MPP voltage range	(Battery voltage +2V) – 65V	
Battery Type	Sealed (Default)/Gel/Flooded/LiFePO4/ Li(NiCoMn)O2/ User)	
Rated Charge Power	190W/12V and 380W/24V	390W/12V and 780W/24V
LVD	11.0V ADJ 9V12V; x2/ 24V	
LVR	12.6V ADJ 11V13.5V; x2/ 24V	
Float Charge	13.8V ADJ 13V15V; x2/ 24V	
Boost Voltage	14.4V; ADJ14V17V; x2/ 24V Battery Voltage less than Boost Restant Voltage Start Boost changing for 2 hours	
Self-consumption	≤28mA(12V) and ≤19mA (24V)	
Discharge circuit voltage drop	≤0.12V	
Temperature compensation coefficient	-4mv/°C/2V except when lithium batteries are used then compensate coefficient will be 0	
Working Eniroment temperature	-20°C - +50°C (100% input and output	
Storage temperature range	-20°C - +70°C	
Relative humidity	≤95%, N.C.	
Enclosure	IP30	
Dimensions	165mm x 123mm x 46mm	205mm x 157mm x 53mm
Mounting dimensions (A*B)	106mm x 124mm	138mm x 124mm
Mounting hole size	Ø4mm	
Weight	0.56Kg	1.2Kg