

MPPT SOLAR CHARGE CONTROLLER



Features:

- IP65 protection
- Easy installation
- All in one design
- Digital controller
- DC/AC Surge protection
- Reactive power controller
- String monitoring optional
- High efficiency up to 97.6%



TECHNICAL SPECIFICATIONS



MODEL	EURO -MPPT 40	EURO -MPPT 60
Input		
Maximum PV open circuit voltage	150V (at the lowest temperature) 138V (at the standard temperature of 25*)	
Maximum PV voltage	20V/ 40V / 60V/ 80V	
Rated Charge Current	30A 40A	50A 60A
Output		
System voltage	12V/24V/36V/48V/ Auto	
Rated Discharge Current	20A	30A
Own Consumption	≤35mA (48V)	
MPPT highest accuracy	99%	
Maximum charging efficiency	97%	
Charging control mode	Multi-stage (MPPT, Absorption, Float, Equalization, CV)	
Float charge	13. 8V/27. 6V/41. 4V/55.2V	
Absorption charge	14. 4V/28. 8V/43. 2V/57.6V	
Equalization charge	14. 6V/29. 2V/43. 8V/58.4V	
Load disconnection (LVD)	10. 8V/21. 6V/32. 4V/43.2V	
Load reconnection (LVR)	12. 6V/25. 2V/37. 8V/50.4V	
Load control mode	Normal, light control, light and timing control, reverse light control	
Load control point voltage	5V/10V/15V/20V	
Battery Type	GEL, SLD, FLD and USR (default). Lithium batteries customization 3series 3.7V , 4series 3.7V , 4series 3.2V, 5series 3.2V,	
Other		
Human Interface	Color LCD with backlight 3 buttons	
Cooling mode	AL alley heat sink and cooling fan	
Wiring	High current copper terminal≤25 mm ² (3AWG)	
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Temperature probe	10K, line length 3 meters	
Communication mode	RS485, RJ45 PORT	
Working temperature range	-20 +55 °C	
Storage temperature range	-30 +80 °C	
Humidity	10% 80% No condensation	
Size	222*200*85mm	268*220*95mm
Net Weight	2500g	3500g