

MPPT SOLAR CHARGE CONTROLLER

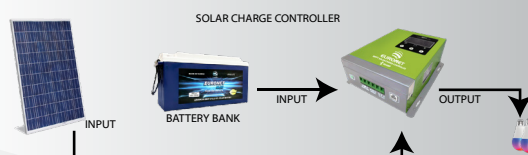


Features:

- 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	EURO -MPPT 80/100A
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
Output			
System voltage	12V/24V/36V/48V/ Auto		
Rated Discharge Current	20A	30A	40A
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 alloy 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	340*240*108mm
Net Weight	2500g	3500g	4700g