

Electrical Parameter

Parameter Name	Parameter Value
Model	ML4830
System Voltage	12V/24V/36V/48V Auto
No-Load Loss	0.7 W~1.2W
Battery Voltage	9~35
Max Solar Energy Input Voltage	<150V
Max Power Point Voltage Scope	Battery Voltage+2V ~ 120V
Rated Charging Current	30A
Rated Load Current	20A
Max capacitive load capacity	10000uF
PV System Max Input Power	400W/12V 800W/24V 1200W/36V 1600W/48V
Conversion Efficiency	≤98%
MPPT Tracking Efficiency	>99%
Temperature compensation coefficient	-3mv/C/2V (Default)
Working Temperature	-35°C ~ +45°C
Protection Level	IP32
Weight	2.3kg
Max Wiring Size	25 mm ²
Communication Mode	RS485, RS232
Altitude	≤ 3000m
Product Size	266*182*81mm