



Unique MPPT RV Solar Charge Controller

Negative Grounded

M2430C

Product Features

- Designed for flush mount installation, in RV, power cabinet and similar applications.
- Advanced MPPT scanning technology & effective temperature management, ensuring efficient, reliable and lasting solar DC charge.
- Solid and attractive, featured with die-casting aluminum casing, tempered glass front and magnetic cover.
- In-built Bluetooth communication module, for APP monitoring and operation in mobile phone.
- Inside glued with polyurethane & silicon mixture, for better device cooling and waterproofing.



CE RoHS



APP Operation

Full-range protection



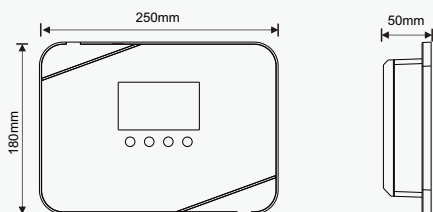
Overcharge Protection



Overheat Protection



Reverse Protection

Product dimension	Accessory	APP
 M2430C Model		 Charge Pro 2.0

Controller Parameter	Value
Model No.	M2430C
System Wiring	Negative Grounded
Battery System Voltage	12V/24V Auto (FLD/GEL/SEL/USE) Manual (Li/USE)
No-load Loss	12mA/12V;10mA/24V
Max Solar Input Voltage	<100Voc
Rated Solar Charge Current	30A
Max Solar Input Power	450W/12V;900W/24V
Operating Temperature	-35°C ~ +45°C
IP Protection	IP43
Net Weight	2.29kg
Communication Port	RS485(RJ12)+Bluetooth (APP)
Operating Altitude	≤ 3000 m
Controller Dimension	250*180*50mm

Battery Voltages	Battery Parameters				
Battery Types	FLD	SEL	GEL (default)	USE (adjustable)	LI (adjustable)
Equalize Charge Voltage	14.8V*n	14.6V*n	—	Default	—
Boost Charge Voltage	14.6V*n	14.4V*n	14.2V*n	Default: GEL	Default: 14.2V*n
Float Charge Voltage		13.8V*n		Default: GEL	—
Boost Charge Recovery Voltage		13.2V*n		Default: GEL	—
Over-discharge Recovery Voltage		—		—	—
Over-discharge Voltage		—		—	—
Auto Temperature Compensation		-3mV/2V/°C		Default: GEL	—

Accessory List	Package Status
External Temperature Sensor	Yes
Remote LCD Meter	Optional
Bluetooth Module	Yes/Inbuit
User Manual	Yes