



### 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
 <p>M2430C Model</p>		 <p>Charge Pro 2.0</p>

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				
	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