



APP Operation



ITEM #: 662187518565

## MPPT SOLAR CHARGE CONTROLLER

### FEATURES

- Maximum power point tracking efficiency > 99.5%
- Aluminum casing & tempered glass cover
- Suitable for 12V/24V lead acid battery system
- MPPT 30A max charge current
- Lithium ion battery activates arousal function
- Centralized monitoring and parallel function, upper computer software and mobile phone monitoring
- Inbuilt BT module for APP operation

### APPLICATIONS

- Lead-acid AGM/GEL/Flooded & Li batteries supportable
- Extra USB 5V 1A DC output.
- External remote LCD display connection

### PRODUCT DETAILS

#### ELECTRICAL

Controller Properties	MPPT(max power point tracking)
System Wiring Grounding	Negative Grounding
Battery System Voltage	12V/24V, Auto(FLD/GEL/SLD)
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	IP 34
Communication Port	RS485+Bluetooth(APP)
Type of Battery	AGM/GEL/FLOODED
Operating Altitude	≤ 3000 meters
Controller Dimension	9.8x7x1.9 Inches

#### Battery Voltages

#### Battery Parameters

Battery Types	FLD	SEL	GEL (default )	USER (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	-

