



Product Features

- Negative grounded design, supports max 30A charge for 12V/24V battery system auto recognition.
- Designed for flush mount installation, in RV or power cabinet use.
- Optimized structure design with PWM 3-phases charge control, suitable for functioning in small and medium size of RVs.
- Extra USB output of 5V 1A.



CE RoHS

Full-range protection



Overcharge Protection



Overheat Protection



Short-circuit Protection



Reverse Protection

Product dimension		Application			
Controller Parameter		Value			
Model No.	P2430C				
Battery System Voltage	12V/24V Auto (FLD/GEL/SEL) Manual(Li)				
No-load Loss	8mA/12V;12mA/24V				
Max Solar Input Voltage	<55Voc				
Rated Solar Charge Current	30A				
Max Solar Input Power	450W/12V;900W/24V				
USB Output	5V 1A				
Operating Temperature	-35°C ~ +45°C				
IP Protection	IP32				
Net Weight	0.49kg				
Operating Altitude	≤ 3000 m				
Controller Dimension	170*130*41.8mm				
Battery Voltages		Battery Parameters			
Battery Voltages	FLD	SEL	GEL (default)	LI (djustable)	
Equalize Charge Voltage	14.8V*n	14.6V*n	-	-	
Boost Charge Voltage	14.6V*n	14.4V*n	14.2V*n	Default: 14.2V*n	
Float Charge Voltage		13.8V*n		-	
Boost Charge Recovery Voltage		13.2V*n		-	
Over-discharge Recovery Voltage		-	-	-	
Over-discharge Voltage		11.1V*n	-	11.1V*n	
Accessory List		Package Status			
User Manual	Yes				