



Product Parameters

Controller Parameter	Value			
Model No.	P2410W		P2420W	
Load Output Current	10A		20A	
Battery System Voltage	12V/24V Auto (FLD/GEL/SEL) Default:GEL			
No-load Loss	5mA/12V;3mA/24V			
Max Solar Input Voltage	<55Voc			
Rated Solar Charge Current	10A		20A	
Max Solar Input Power	170W/12V;340W/24V		340W/12V;680W/24V	
Operating Temperature	-35°C ~ +55°C			
IP Protection	IP68			
Net Weight	0.16kg		0.19kg	
Light Control Voltage	5V*n			
Light Control Delay Time	10s			
Operating Altitude	≤ 3000 m			
Controller Dimension	82*57.2*17.5mm			
Battery Voltages	Battery Parameters			
Battery Types	FLD	SEL	GEL (default)	LI (adjustable)
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	12.6V*n			Default:12.6V*n
Over-discharge Voltage	11.1V*n			Default:10.0V*n
Auto Temperature Compensation	-3mV/2V/°C			—