POWER OF SUN ALWAYS FOR YOU

SOLAR CHARGE CONTROL REGULATOR

PWM Range



Technical Specification:



PARAMETER		VALUE			
Rated Charge Current		10A	20A	30A	60A
Syatem Voltage		12/24V		12V/24V/48V	
Maximum Input Voltage of Solar Panel (PV)	12/24V	50V			
	12V/24V/48V			100V	
USB Output		5V/1A			
Battery Type		Sealed / GEL / Flooded / LifePo4			
Maximum Battery Voltage	12V	16.5V			
	24V	16.5V X 2			
	48V	16.5V X 4			
Float Charging Voltage		13.7V (adjustable: 13V~15V)		13.8V (adjustable: 13V~15V),24V x 2, 48V x 4	
Protection Class		IP32			
Reverse Connection Protection		Yes			
Battery Over Voltage Protection		Yes			
Load Over Current Protection		Yes, each two minutes restart once			
Temperature Compensation Coefficient		-24mV/°C for 12V system, 24V x2, 48V x4			
Operating Temperature		-10°C to +50°C			
LCD Design		Dynamic display of the operation data and working status of the equipment.			
Load Control Modes		General Mode, Light Control Mode, Timer Mode (For Street Light)			
Usage		Home power supply system, traffic light, solar street lamp, courtyard lamp system, etc.			
NOTE: Above parameters are taken for a 12V system at 25°C; X2 for 24V; x4 for 48V;					

SMART & EFFICIENT
PWM Technology ensures faster & Better Charging

SAFE & RELIABLE
Multi-Layer Protection for Battery & System Safety

USER FRIENDLY
Clean LCD interface & Easy to use

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