POWER OF SUN ALWAYS FOR YOU

SOLAR CHARGE CONTROL REGULATOR
MPPT Range



10A **20A** **30A**

Technical Specification:

PARAMETER		VALUE		
Rated Charge Current		10A	20A	30A
Rated System Voltage		12V/24V Auto detection		
Maximum Input Voltage of Solar Panel (PV)		≤75V	100V/150V	
Maximum Input Power	12V	130W	260W	390W
	24V	260W	520W	780W
Battery Type		User Default, Sealed, Flooded, GEL, LiFePO4, Li (NiCoMn)O2.		
Maximum Battery Voltage		9 - 32V		
Float Charging Voltage		Maintenance-free lead-acid battery, GEL, Lead-acid flooded battery : 13.8V		
Protection Class		IP30		
Temperature Compensation Coefficient		-4mV / ℃ / 2V (25℃)		
Grounded Type		Positive Grounded		
Operating Temperature		-20℃ ~ + 55℃		
MPPT Tracking Efficiency		99.5%		
Performance & Maximum Conversion Efficiency		≤ 97%		
LCD Design		Dynamic display of the operation data and working status of the equipment.		
Load Control Modes		General Mode, Light Control Mode, Dual Time Mode, Pure Charger Mode		
Usage		Communication base station, home power supply system, traffic light, solar street lamp, courtyard lamp system, etc.		
NOTE: Above parameters are taken for a 12V system at 25℃, for 24V system x 2;				

LCD Smart Display | Button Mode | 100% Reliable | Smart & Durable | SOC Protection | Adjustable Parameters

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Green Horizons