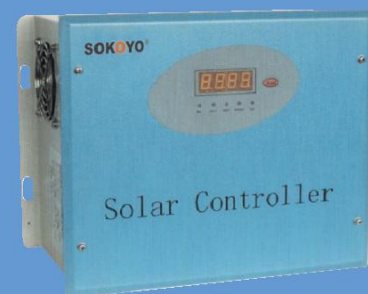


离网光伏产品系列
Off-grid PV products series
太阳能光伏控制器



PWM controller

Product introduction

PWM photovoltaic controller is suitable for small and medium off-grid pv system , adopt the most advanced digital technology design , automatic operation. Its pulse width modulation (PWM) battery charging mode will greatly improve the battery life. Its comprehensive protection function can avoid controller damage caused by installation errors and system faults.

Function features

- Positive control mode, multi-channel solar cell array input control (can be used in the communication field)
- professional DSP control, charge and discharge parameters can be set to meet different occasions needs
- PWM charging ways, improve the efficiency of photovoltaic modules
- Three-stage charging (constant current, constant voltage, floating), effectively prolong battery life
- Complete protection function, operation status, trouble light indicator
- Low power display status, further reduce self loss
- Multiple machines in parallel operation can be realized
- **Photovoltaic battery meter**
- Remote monitor (optional)
- DC output function (optional)

Technical Parameters

Voltage Grade (VDC)	24	48	110	220	360
Rated Battery Voltage (VDC)	24	48	110	220	360
Rating Charger Current (A)	30-90		50-250		
Charging Mode	Three phases: constant current, constant voltage, floating				
The Largest Photovoltaic Array					
Open-circuit Voltage (VDC)	50	100	230	450	750
Recommend The Photovoltaic					
Working Voltage (VDC)	30	60	130	270	420
Pv Charging Way (maximum)	3		5		
Floating Voltage (VDC)	27	54	121.5	243	405
Average Charge Voltage (VDC)	28.4	56.8	127.8	255.6	426
No-load Current (VDC)	<1% (Current rating)				
Temperature compensation coefficient (optional)	-3—7mV/°C(Each Battery)				
Ambient Temp (°C)	-20—+50°C				
Permissible relative humidity	<95% Non-condensing				
Use the elevation (m)	≦4000 (1000 meters above the capacity to use)				
IP Grade	IP20				
Size	330*155*270		330*150*270/440*440*660		
Weight	8		9/32-40		
Protection Function	Reverse protection of photovoltaic array, battery back protection, Anti - charge protection at night, battery over charge protection, over discharge protection, output overload protection, output short circuit protection				