



Wind power controller

Applications

It can be used in an independent wind power generation system and wind monitoring system, and wind&solar hybrid street light system.

Features

- Can be applied to independent wind power generation system and wind monitoring system.
- Integrated with other solar controller to be a wind&solar hybrid street light controller system.
- Simple structure, small volume, and cost effective.

Technical Parameters

Model	WW02-12	WW03-12	WW04-24	WW06-24
Wind Turbine Input				
Rated input power	200W	300W	400W	600W
Rated input voltage	14Vdc	14Vdc	28Vdc	
Input voltage range	0~16Vdc		0-32Vdc	
Rated input current	17Adc	25Adc	17Adc	25Adc
Wind turbine manual brake	Keep press the button for 5s to unload completely, and then recover by hand.			

Brake by over current	17A (factory default,0~17A settable) unload completely when reached the set current, and recover automatically after working 10mins.	25A (factory default,0~25A settable)unload completely when reached the set current, and recover automatically after working 10mins.	17A (factory default,0~17A settable) unload completely when reached the set current, and recover automatically after working 10mins.	25A (factory default,0~25A settable)unload completely when reached the set current, and recover automatically after working 10mins.
Brake by overvoltage	Refer to “output overvoltage” control			
Charge Parameters				
Rated battery voltage	12V		24V	
Temperature compensation function (optional)	-3mV/°C/2V			
Output Parameters				
Rated output voltage	12V		24V	
Output overvoltage point	14.5V (factory default,11Vdc~16Vdc settable)		29V (factory default,22Vdc~32Vdc settable)	
Output overvoltage recovery point	13.2V (factory default, reduce 1.3V from the output overvoltage point)		26.4V (factory default, reduce 2.6V from the output overvoltage point)	
Max. Output current	17A	25A	17A	25A
General Parameters				
Rectifier mode	Uncontrolled rectifier			
Display mode	LED			
Monitoring Contents	Battery voltage, Brake status			
Lightning protection	YES			
Conversion efficiency	≥95%			
Static loss	<0.5W			
Environment temperature	-20°C ~+40°C			
Humidity	5%~95%,No condensing			
Noise	≤65dB			
Cooling mode	Natural cooling			

Installation mode	Wall-mounted
Cover protection class	IP53
Product dimension (W*H*D)	105x120x49mm
Product net weight	0.8kg
Note: the listed specs are just for your reference	