

## EESW Series

# 400W Intelligent Wind Turbine Controller



## Applications

EESW series is wind power controller, and it can be applied to wind power generation system. It can control the wind turbine generation to charge the battery in a efficient and safe way.

## 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	EESW04-24
<b>Wind Turbine Input</b>	
Rated input power	400W
Rated input voltage	28Vdc
Input voltage range	0~32Vdc
Rated input current	17A dc
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.
Brake by overvoltage	Refer to “output overvoltage” control
<b>Charge Parameters</b>	
Rated battery voltage	24V
Temperature compensation function (optional)	-3mV/°C/2V
<b>Output Parameters</b>	
Rated output voltage	24V
Output overvoltage point	29V (factory default, 22Vdc~32Vdc settable)
Output overvoltage recovery point	26.4V (factory default, reduce 2.6V from the output overvoltage point)
Max. Output current	17A

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℃ ~ +40℃
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
<b>Note: the listed specs are just for your reference</b>	