

EEHE Series

500W24V Wind/solar Hybrid Controller



Applications

This kind of wind solar hybrid streetlight controller is special design for small off-grid wind solar hybrid generation system. Appearance is elegant, operations are easy. It also makes the course of which wind generator and solar panels charge to batteries safely and efficiently.

Features

- Intelligent design, simple structure, powerful control function, stable performance, product safety and reliability.
- PWM dump load of wind.
- Intelligent disconnection of Solar charging.
- Dual power supply function: Battery + solar power supply.
- LCD displays parameters such as voltage and current of wind, solar and load .
- Two DC output, with 4 output modes.
- Digital intelligent control.
- Protection:

Technical Parameters

Model		EEHE5024
Rated system voltage		24V
Rated wind power		500W
Rated solar power		300W
Battery charging protection	Over charge	29.4V ±1%
	- BF (adjustable)	
Battery under voltage protection	Load disconnect	20.4V ±1%
	- BL (adjustable)	
	Recovery (DC)	22.4V ±1%
Load over voltage protection	Load disconnect	35.0V ±1%
	(DC)	
	Recovery (DC)	30.0V ±1%

No-load Current (DC)	≤0.05A
Control mode	wind generator PWM Charging Function, PWM Unloading Function and PWM Over current Limiting Function
Output working mode(Mode)	Mode 1: Light-control on. Light-control off (4 modes adjustable)
Display content	LCD display
	Voltage, Percentage of battery power, Current, working mode of load, etc
Protection type	Solar Reversed Charging protection, battery open circuit protection, battery anti-reverse connection protection, over current and over voltage auto brake protection, over load protection,etc.
Cooling mode	aluminium profiles Heat dissipation and self-cooling
Working temperature / Relative humidity	-25℃~+80℃ /0~90%, non-condensing
Net weight / Gross weight	1.0 KG/1.25KG
Controller size / Packing size	162*140*66mm/220*185*140mm