



## 600W wind and solar hybrid controller



### Features:

- PWM charging
- Automatic braking of wind turbine by over-voltage and over-current protection
- Protection against battery over-charging and over-discharging
- Easy to check basic parameters from LCD display
- Manual brake
- Two DC Load output, light control, time control, constant output, and multiple output control mode selections.

### Technical Specifications

Model	HY-WSC06-48AWM		
Rated Battery Voltage	48V		
Rated Power Output of Wind Turbine	600W		
Maximum Power Output of Wind Turbine	900W		
Rated Power Output of Solar Panel	300W		
Stop Charging Voltage	58V		
Recover Charging Voltage	52.8V		
Brake Current of Wind Turbine	13A		
Battery Over-discharge Protection Voltage	43.2V		
Battery Over-discharge Recovery Voltage	48V		
Battery Over-voltage Protection	64V		
Light Control On Voltage (Factory Default)	2V		
Light Control Off Voltage (Factory Default)	3V		
Rated Output Current of Load 1 and 2	10A		
Load 1 Output Control Mode(Factory Default)	3 optional modes (light-control on and off)		
Load 2 Output Control Mode(Factory Default)	3 optional modes (light-control on and time-control for 5 hours)		
Display Mode	LCD		
Quiescent Current	≤20 mA		
Ambient Temperature & Humidity Range	-20~+55°C/35~85%RH (non-condensation)		
Communication Function (optional)	RS232, RS485, RJ45, GPRS (optional)		
Measurement (L x W x H)	142×150×82mm		
Net Weight	Gross Weight	2kg	3kg