

# 400w MPPT charge controller for wind turbine generator 12v/24v auto distinguish

## What is MPPT?

Maximum power point tracking (MPPT) is a technique used commonly with wind turbines and PV solar systems to maximize power extraction under all conditions.

## Technical Data

Charging mode	MPPT low wind speed boost
Rated voltage	12V/24V auto
Protection degree	IP67
Rated current	10A/16A
Suitable	100-400w wind turbine
Max input voltage	60V
Range voltage	If 12v, max voltage is 14.4V If 24V, max voltage is 28.8V
Lowest battery distinguish voltage	8V
Brake voltage	If 12v, it brake at 14.4V If 24V, it brake at 28.8V
Recover voltage	If 12v, it recover at 13.5V If 24v, it recover at 29V

## Connection

There are total 5 wires output of the controller

3 blue wire : connect with wind turbine

1 red wire: connect with battery "+"

1 black wire: connect with battery "-"

## Indicator lamp

Red light: When connect to battery, it will flash once. When brake or duming load, it will on.

Yellow light: When boosting charging, it will flash. When the current is more, the flash is more quick

