

Brake controller description

The braker BR3 is used for the small on grid wind turbine through connected with the on grid inverter and wind turbine.

It converts the alternating current (AC) to direct current (DC).When the wind is too strong,BR3 will make the wind turbine generator slow down gradually and apply to release.In order that avoid the wind turbine generator over speed and over power.Then increase the service life of the wind turbine generator and the whole generator system.

It's applicable to 12V,24V,48V system.



CONNECTION:

First of all, make the manual switch in the “Brake” status. Then connect the BR3 as follows:

Connect the power supply with the Brake controller BR3. When the green LED light is on.

Connect the on grid inverter with the BR3's output side.

Connect the wind turbine to the brake controller BR3.

After all is connected successfully, make the manual switch in the “Release” status.

LED LIGHTS:

1. Green light: Power is connected.
2. Blue light: generator is start work and generate electricity through BR3
3. Yellow light: automatic brake active
4. Red light: generator is stopped.

SPECIFICATION:

Rated power: 600W

Input voltage: 0—150VAC

Brake voltage: 110VDC (adjustable according to customers requirements)

Current: 12A

Net weight: 0.5KG