


## AirForce<sup>®</sup> CONTROL



### Turbine monitor and auto-stop system for 24V & 48V battery charge systems

 designed and manufactured by **FUTUREENERGY** in Britain

Ideal as retrofit upgrade

WiFi and Bluetooth connection with Cloud configuration included



Provide safety and security of operation, no need to 'weather watch'

Compatible with wide range of turbines and systems

Simple & easy to install and configure

Prolong battery life



Reduce cost of turbine ownership

Monitor performance, review turbine events, calculate production



- ▲ Automatically stop and restart turbines
- ▲ Turbine protection from adverse weather events
- ▲ Protect batteries from over voltage and extend battery life
- ▲ Remote-stop via external connection RS-485 data link
- ▲ Prolong turbine life and reduce maintenance costs
- ▲ Remotely monitor and control
- ▲ Retrofit to existing systems
- ▲ Monitor and control via PC, tablet or smart-phone

#### Installation and operation

The *AirForce<sup>®</sup> control* is installed within a covered area close to and in series with the manual stop-switch and directly to the batteries or other loads. The turbine is automatically stopped and started within programmed parameters to maintain batteries at their optimum.

#### Typical applications

- ▲ off-grid battery charging
- ▲ Grid connected battery systems
- ▲ solar-wind hybrid

Web-based portal provides remote control & configuration

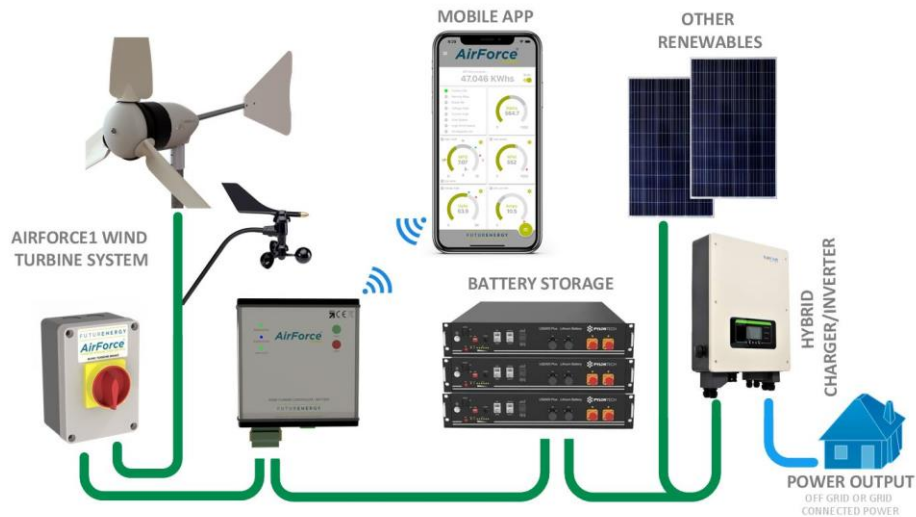


AirForce<sup>®</sup> control web portal

# FUTUREENERGY

## Key features:

- **24 – 48V battery charging**
- 30amp (peak 40amp) current rating
- **Anemometer** wind sensor input
- Remote-stop digital connection – suitable for BMS dry contact
- Wi-fi connection to AirforceControl.com server
- **RS-485** data connection
- **Auto stop** - max-voltage, max-current, max-wind speed, max-RPM,
- Touch screen for data display and setting input



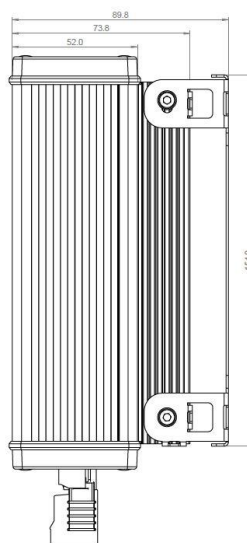
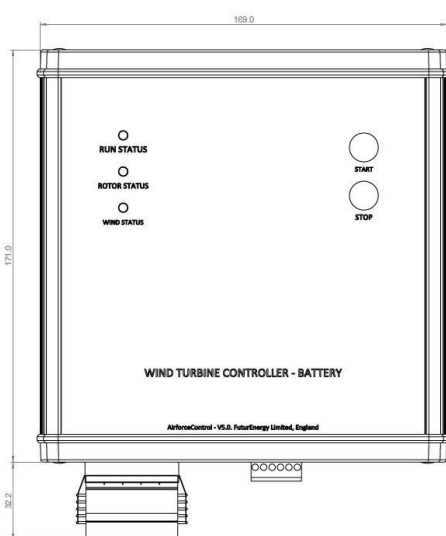
**Compatibility:** Compatible with 24V & 48V battery charge systems and/or thermal heating systems with 3-phase AC generators

**Dimensions:** all dimensions in mm

Width 169mm

Height 171mm (203mm including connectors)

Depth 74mm (90mm with mounting bracket)



For more information contact:

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FUTUREENERGY declares that this product complies with:  
 LV Directive 73 23 EEC  
 EMC Directive 89 336 EEC  
 Machinery Directive 98/37/EC  
 Fully ROHS compliant

