

AQPower

Need power to your Met mast?

In northern Europe anemometers needs to be heated during the winter months. AQPower is a complete freestanding solution that will power the heated anemometers during the winter months.

Operation monitoring is web based and alarms such as "LOW FUEL LEVEL" are sent via e-mail or SMS messages.



AQPower

Technical specification

Environment

Operating Temperature -40 °C to + 60 °C
Relative humidity 10 to 100 % RH

AQPower Size

Height 2,2 meters
Width 1,4 meters
Length 1,5 meters
Weight 700 kg
Fuel capacity 200 liters

Monitoring

Monitoring WEBB / GPRS
Alarms E-MAIL / SMS

Electronics

Power supply Solar panels/Diesel generator/Windturbine
Output voltage 12 VDC and 24VDC
Batteries (AGM) 3 x 200 Ah
Gen effect (Yanmar) 3,5 kW
Total output power 12 VDC max 240W and 24VDC max 360W



Easy to install

AQPower is built to be transported behind a car to the installation site. If the installation site is located remotely the system can be flown by helicopter using the lifting bolts.



Fully automated

Since the AQPower is designed to be used at remote locations it is equipped with a powerful battery bank charged by a Yanmar generator. Solar panels are included with the system and input terminals for windturbines are also included.



Constant monitoring

Monitoring of the power supply is a crucial component for continuous measurements without interruptions. The monitoring is web based and possible alarms such as "LOW FUEL LEVEL" are sent as E-mails or SMS messages.



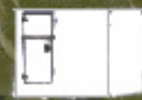
Cold Climate

The concept has been thoroughly tested in cold climates since 2007. The system is a hybrid solution based on a Yanmar generator, the system can easily be supplemented with solar panels or a small windturbine.



Long experience

AQSystem has been developing powersupplies for cold climates since 2007. Today hundreds of autonomous power supplies are installed in Europe.



AQPower

 **AQSystem**
Remote sensing technique