



55kW FlowGen Mobile Green Center - Ongrid



55kW FlowGen Mobile Green Center - Ongrid Specifications

The turnkey mobile energy solution in a 40ft container provides everything you need for a reliable and sustainable energy supply. The scope of delivery includes:

- **3 FlowGen 15kW wind turbines** each consisting of:
 - High performance lightweight rotor blades
 - Efficient powertrain with Schaeffler generator
 - Intelligent control and sensor technology
- **3 lightweight wind turbine masts with different lengths for best performance**
mast lengths are flexible; in the standard version the two outer masts have a length of 7m, the mast in the middle has a length of 15m
- **10kWp solar plant with frame construction**
the solar system is mounted on the container roof
- **22kWh battery storage system**
the high-performance, high-voltage lithium iron phosphate battery system integrated into the container with state-of-the-art load control allows surplus energy to be stored for later use
- **Electrical System**
including Siemens wind turbine inverter system and a hybrid inverter for the solar and battery system for grid-following operation (ongrid application)
- **Energy Management System**
FlowGen's proprietary energy management system connects, monitors, control and optimizes the various energy sources of the Mobile Green Center according to your needs



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