



Azure's Battery Systems

20kWh Lead Acid with Thermal Management

Overview

Azure's Battery System provides energy storage of 20 kilowatt-hours using maintenance-free lead acid batteries and an automatic battery thermal management system. Azure's battery thermal management system maintains the batteries at their optimal operating temperature.

Applications

The Azure Battery System is designed for use with electric trucks, buses, vans or distributed generation system applications.

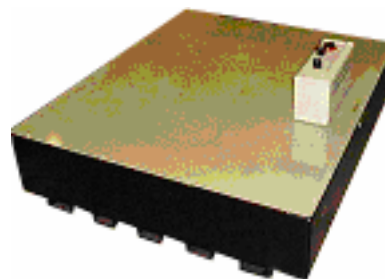
Features

- Maintenance-free gel-cell technology eliminates the need for any watering.
- No releasing of gasses during normal operation.
- To keep the vehicle in service throughout the day, Azure battery packs are designed for easy "swap-out" using a standard forklift.
- Temperature sensors are built in for accurate measurement and precise charging control.
- Built in cooling fan and heating system
- Central Interface including power and temperature leads.

Available and Custom Options

- Low voltage battery pack is available.
- Please contact Azure Dynamics to discuss your specific custom options needs.

An engineering fee applies to all customized orders.



Specifications

Nominal Voltage	336V DC nominal
Nominal Capacity	60Ah
Capacity @1 hr rate	20kWh 50Ah
Peak Current	200A
Internal Contactor	200A rated
Weight	2000lb (907.2kg)
Dimensions	47" x 53.5" x 11.96"
Thermal management System	Cooling: 12V input, 2A input Heating: 220V AC, 3A