



Advanced eco-friendly technology provides cost-effective backup power solutions

## EcoStorage™ Cabinet

**E**coStorage is an outdoor cabinet used to store hydrogen cylinders that supply hydrogen to fuel cells. The cabinet can store up to 16 hydrogen cylinders, and when used with the Andrew EcoPower fuel cell, can store enough fuel for up to eight hours of operation at 16 kW.

The EcoStorage includes all of the hydrogen fittings, pressure regulators and gas manifolds to ensure a trouble-free installation. The system controller in the EcoPower fuel cell continuously monitors fuel levels to simplify hydrogen delivery and maintenance activities.

### **Reduce Operating Expenses (OPEX).**

Hydrogen fittings allow for easy installation and removal of cylinders to allow for continuous fuel cell operation.

**Easy to install.** Each cabinet is assembled, completely wired, and system tested to ensure an easy and trouble-free installation.

**Less Maintenance.** The system controller in the EcoPower Fuel Cell Cabinet continuously monitors fuel levels and includes a sensor that can detect fuel leaks. All doors are secured with a security hex key in addition to a padlock and include intrusion detection alarms that can detect unauthorized entry. The built-in Ethernet interface can be used to communicate with the Central Office providing a system that is easy to monitor and maintain.

**Flexible Design.** Cabinet can be mounted on the same pad as the fuel cell or separated in order to facilitate access for hydrogen delivery.

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**Better Protection.** Tough environmental design standards minimize equipment losses during catastrophes. The cabinet uses a weather hardened enclosure to protect the equipment inside of the cabinet.

**Standards Compliant.** Fully compliant to environmental and reliability requirements—GR-487 (Zone 4 Seismic, Wind Driven Rain, Vibration, Drop, Weather Tightness, Thermal, and UL50).

Cabinet Type .....	EcoStorage
Height, in .....	63
Width, in .....	42
Depth, in .....	48
Capacity .....	Up to 16 standard K or T cylinders
Weight (without cylinders), lb .....	200
Operating Temperature .....	-40° C to 46° C



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