



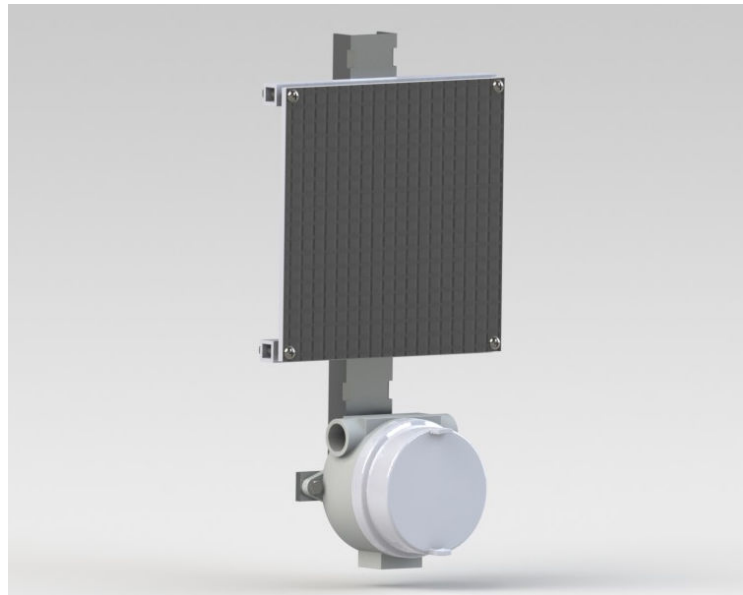
*Alta Industrial
Automation Ltd.*

Intelligent Device Networking

M2M

*Solar Power
for Hazardous Environment
Sensors and RTU's*

C1Z1 Solar Battery



Features:

- Class 1 Zone 1 Hazardous Environment
- Self Contained Solar Power Solution.
- Peak Power Tracking maximizes solar panel performance
- Integrated Battery Charger
- Extended temperature Lithium Ion Battery
- Optimized for -40C operation and Charging Cycles
- Regulated 12V or 5V output
- Provides power to Industry Standard Sensors and RTU's

Do MORE with less; Go C-DAQ wireless!

The C-DAQ C1Z1 Solar Battery is a power solution designed for operation in cold temperature hazardous areas. The systems **unique feature** is a solar power tracking solution which maximizes the power from the solar panel while maintaining optimal battery conditions.



Base Features:

- **Class 1 Zone 1**
- **Nominal Battery Energy 15Whr @ -40C**
- **Max Power Output Options:**
 - **12Vdc @100mA**
 - **5Vdc @ 250mA**
- **6W Solar Panel**
- **Operating Temperature -40C to +60C**

Accessories

- **Mounting brackets**

Optional Expansion Features:

- **24Vdc @ 200mA**
- **12Vdc @ 400mA**
- **12W Solar Panel**
- **Nominal Battery Energy 30Whr**
- **Cooler for high operating temperatures**

- **Data Logging & Power Management**
- **Zigbee Wireless Data Communication**
- **Cellular Data Communication**
- **Global Positioning System (GPS) data stamp**
- **RS232/RS485 sensor interface**
- **Mesh Network: Cellular/Zigbee base station**

Applications:

The Solar Battery is an ideal solution for:

- **Smart Energy**
- **Asset Tracking**
- **Remote Tanks**
- **Environmental Monitoring**
- **Data Logging**
- **Remote Monitoring**
- **Gas Wells**
- **Fleet Management**
- **Automotives**
- **Security Systems**
- **Irrigation**
- **Asset Management**
- **Data Collection**
- **Remote Diagnostics**
- **Air Quality**
- **SCADA**
- **Pipeline Sensors**
- **Utilities**
- **Appliances**
- **Other devices requiring M2M and wireless/internet connectivity**

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