

RTU and PLC Uninterruptible Power Supply Systems

Integrated RTU, PLC, and communications packages.



Developed in conjunction with pipeline field engineers, Solarcraft's integrated power and RTU system is designed to accommodate virtually any PLC or RTU with room for expansion. Both solar and DC-UPS packages are available.

Features

- Low Voltage Disconnect (LVD) feature prevents battery damage from over-discharge.
- Temperature compensation for maximum battery life.
- HMI door displays are easily mounted and integrated
- Optional digital door display at a convenient height.
- Solar or DC-UPS configured systems.
- Class 1 Division 2 packages available.
- Optional door-mounted controller and digital display.



Advantages

- High-quality powder-coated aluminum enclosure does the work of multiple enclosures by housing power supplies, batteries, radio, and RTU.
- Allows complete pre-assembly, wiring, and testing; thus minimizing field installation time and errors.
- Integral mounting pedestal and lifting eyes facilitate installation.
- Single source integrator; turn key system.
- Five year full warranty on system; batteries are prorated.



System Details



1. Optional digital display mounted in door

2. Radio or transmitter

3. RTU or PLC

4. Easy to access, well-marked I/O field terminations and data terminals

5. Solarcraft DC-DC converter

6. Dual Solarcraft DC-UPS power supplies convert AC power to clean uninterrupted DC power, while charging 110 Ah batteries for reliable back-up power

7. 120V AC outlet and circuit breakers for external loads complete the power system

8. Maintenance free 110Ah gel cell batteries