

Patent Pending

Integrated RTU and Communications Package

SOLARCRAFT
POWER PRODUCTS

Developed in conjunction with pipeline field engineers, Solarcraft's integrated power and RTU system is designed to accommodate your ControlWave™, Fisher ROC™, SCADA-PAK™ or other manufacturer's RTU. Both solar and DC-UPS packages are available.

Solarcraft's PS Systems, as we refer to them, are packaged in a 65" high double wide NEMA 3R/4X enclosure, fabricated of 1/8" aluminum, all-welded construction, with white powder coat finish for superior corrosion resistance and heat reflection. The system has four 110-Ah batteries as standard equipment. A smaller two battery system is also available.

Advantages

- ▶ High-quality powder-coated aluminum enclosure does the work of four 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.

Features

- ▶ Low Voltage Disconnect (LVD) feature prevents battery damage from over-discharge.
- ▶ Temperature compensation for maximum battery life.
- ▶ Accommodates ControlWave™ or other manufacturer's RTU's.
- ▶ Optional digital door display at a convenient height.
- ▶ Solar or DC-UPS configured systems.
- ▶ High-quality system at a lower cost.



▲ This package has an optional door-mounted controller and digital display

We can package most manufacturer's RTU's or PLC's. Just ask us about yours.

System Details

▼ Optional digital display mounted in door.



▼ Radio or transmitter



► Solarcraft DC-DC Converter.



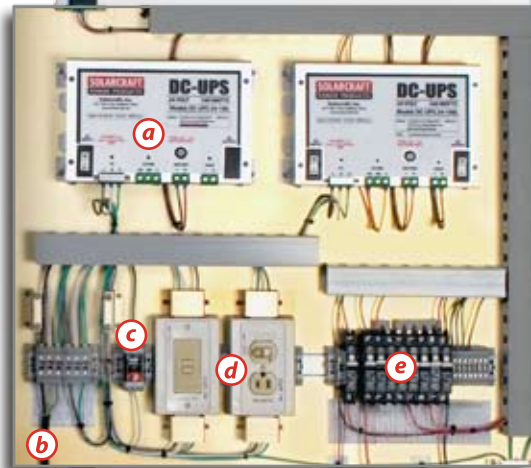
▼ Heavy-duty galvanized steel lifting eyes are standard.



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▲ RTU or PLC



▲ NEMA 3R battery compartment. Stainless steel screened louvers in the battery compartment ventilate the batteries.



▲ Data terminals



▲ Stainless steel, pad-lockable over-center latches are quick and convenient.

◀ Maintenance free 110Ah gel cell batteries.

▲ Heavy gauge hot dip galvanized steel pedestals are designed to conveniently bolt to concrete pad or deckplate.

▲ Dual Solarcraft DC-UPS power supplies **a** convert AC power **b** to clean uninterrupted DC power, while charging up to four 110Ah batteries for reliable back-up power. Integrated surge arrestor **c** protects instruments and electronic devices from power spikes. 120V AC outlet **d** and circuit breakers **e** for external loads complete the power system.

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