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SymUPS

The SymUPS is an industrial battery backup which acts as both a standalone power source for accessories on mobile assets, as well as an Uninterruptable Power Supply (UPS). The SymUPS can provide DC power to devices ranging from strobe lights to telemetry systems, and is suitable for underground and surface applications.

FEATURES

INTELLIGENT CHARGING TECHNOLOGY	Prevents premature wear on batteries, extending their operating life
PREVENTS SURGES	Filters and smooths out surges, dips, and brownouts
SOLID STATE TECHNOLOGY	Enables seamless switching between input and battery backup power, significantly reducing chance of mechanical failure
RATED IP67	Resists corrosion with industrial coating and harnessing
RESISTANT TO BACKFEEDING	Protects against reverse polarity and won't feed voltage back into input source
RAPID POWER SOURCE SWITCHING	Switches between input and battery on power loss (master switch turned off) - about 10 ns
ADJUST CHARGING VOLTAGE	Adapts 9 - 30 VDC to step up or step down charging voltage
INTELLIGENT BATTERIES	Prevents deep discharge and protects from overcharging
ERROR DETECTION AND SYSTEM GOOD LED	GREEN - Power on, charging or fully charged RED - Battery failure, battery voltage less than 10 V OFF - No input power, system load supplied from battery
NO MECHANICAL RELAYS	Resilient to mechanical failure through solid state switching

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE	30 VDC (minimum input charge voltage of 7.5 VDC)
OUTPUT VOLTAGE	Typically 12 - 13.5 VDC on batteries, and input voltage ± 0.3 V when on input
OUTPUT CURRENT	3.2 A
CAPACITY	6800 mAh
DIMENSIONS	9” x 3” x 4.75”
WEIGHT	3 lbs

CUSTOMIZABLE HARNESS

Default configuration comes with 10FT length and standard interconnects for a beacon (light).

IP67 RATING

Corrosion resistant coating and harness.

SIMPLE STATUS INDICATOR

GREEN - Power On
RED - Replace System
OFF - No Input Power

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