

# System Engineering International BP-8U Battery Pack



The BP-8U is an external battery pack, designed for use with the SEI DP and SEI PowerRack series of compact 48 Vdc telecom power supplies and the SEI DC-UPS series of 48Vdc critical power systems. The BP-8U may also be used with legacy Lucent/AT&T 1145 systems.



The BP-8U's microprocessor-based controller monitors charge status and automatically performs a periodic battery test to guarantee the holdover capability of the pack. Additional features include a Manual Battery Test Switch and LED indicators for Battery Charge Status and the Battery Test Status.

The BP-8U contains four 12 volt, 8 Amp-hour sealed lead acid batteries connected in series to provide a nominal 48 V dc. The internal battery pack is replaceable. A panel-mounted fuse protects the output.

The BP-8U can be used to add additional backup time or replace dead batteries. Up to three BP-8Us can be connected in parallel for a total capacity of 24 amp hours.

The BP-8U is mountable either on a wall or on 19" racks. Mounting brackets for 23" or 25" racks may be ordered as options.

## Ordering Information

Model #	Description	Dimensions (W" x D" x H")
BP-8U	8 amp hour external battery pack	19 x 5 x 6.25

## Technical Specifications

Electrical	Environmental
Nominal Output Voltage: 48 Vdc Maximum Output Current: 6.25 A max. Recommended Charge Voltage: 54.0-55.2 Vdc Rated Capacity: 8 Amp-hours	Temperature: -20° C to +40° C Humidity: 95% non-condensing  Optimum battery life will be achieved if the unit is operated at a temperature of 25° C.
LED Indicators	User Interface
Battery Charge Status: Constant Green – Fully Charged Flashing Green – Charging Battery Test Status: Constant Green – Battery Good Fast Flash Red – Wait, Then Test Slow Flash Red – Replace Battery	Manual Battery Test Switch – Push to Test NOTE: The Manual Battery Test switch is disabled when the battery is charging. Also, to prevent unnecessary battery discharge, the Manual Battery Test is disabled for 5 minutes following a Battery Test. In both cases, the Wait, Then Test indication is displayed.

**To Order Contact ISDN Sales at 1-800-765-4734**  
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