

System Engineering International DC-UPS Series – BP-9U/BP-18U Battery Pack



The BP-9U and BP-18U are external battery packs, designed for use with the SEI DC UPS Systems, as well as legacy SEI DP and PowerRack series and legacy Lucent/AT&T 945/1145 systems.

The BP'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-9U contains four 12 volt, 9 Amp-hour sealed lead acid batteries connected in series to provide a nominal 48 Vdc. The BP-18U contains four 12 volt, 9 Amp-hour sealed lead acid batteries 2 connected in parallel and then connected in series to provide a nominal 24 Vdc. The internal battery pack is replaceable. A panel-mounted fuse protects the output.

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

The BP 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-9U	9 amp hour, 48Vdc external battery pack	19 x 5 x 6.25
BP-18U	18 amp hour, 24Vdc external battery pack	19 x 5 x 6.25

Technical Specifications – All Units

Electrical	Environmental
Nominal Output Voltage: 48 Vdc Maximum Output Current: 6.25 A max. Recommended Charge Voltage: 54.0-55.2 Vdc Rated Capacity: 9 Amp-hours (48 Vdc) 18 Amp-hours (24 Vdc)	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	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.

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Visit us on the web at www.seipower.com

Battery	
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