

EXTERNAL BATTERY PACK (EBP)

External Battery Pack Extreme Temp Batteries in 1U Enclosure meeting IP65.



Part # FA00177

Model # EBP-28B-2V4.5AH-1U12-IP65

FEATURES AND BENEFITS

Rugged & Extreme Environments

All IntelliPower systems utilize circuit boards, chassis and components that are **specifically designed for extreme environments**. In today's marketplace, repackaged commercial products are often billed as "rugged" and/or "built for harsh environments". Each component in our systems is specifically selected or designed based upon proven performance in harsh indoor and outdoor applications.

Cutting Edge Technology

Our digital, double conversion on-line UPS, power conditioner and frequency/voltage converter solutions utilize high-efficiency power switching and galvanic isolation which provides **ideal electrical output performance**. Systems are available with global voltage inputs & outputs, AC inputs & outputs and DC inputs & outputs. You will be able to utilize any power source.

IntelliPower offers power management software along with many standard communications protocols such as SNMP with OID and MIB Support, RS-232, Ethernet/IP – Common Industrial Protocol (CIP), MODBUS and Dry/Discrete Contacts. The sum total of these technological features equals the ultimate protection for your electronic equipment.

Robust Product Portfolio

No other UPS company offers **2,000+ variations**. Utilizing IntelliPower's building block methodology, more product features and functionality are provided; without having to extend lead times or change proven designs. Over the past 25 years, IntelliPower has developed its electronics hardware, firmware, embedded software and enclosure technology in house, which provides us with a unique capability to meet virtually any of your application requirements to include completely sealed systems.

Designed and Manufactured in the USA

The engineering and technological expertise within IntelliPower has enabled us to develop and field test products since 1988 to **100% user satisfaction**. For you, this translates into shorter lead times from design to shipping as well as personalized service and support. Our mission is to provide you with the highest standard of customer support and quality control.

Military Standards Compliance

All product configurations are designed and manufactured to **meet military standards**. Systems have been and can also be certified by independent labs. Many standards are met in our standard build practices, some notable standards include MIL-STD-461F (Electromagnetic Interference EMI), MIL-STD-464C (Electromagnetic Environmental Effects EME), MIL-STD-1275D (DC Electrical Power Systems), MIL-STD-901D (Shock), MIL-STD-167-A (Vibration), MIL-STD-810G (Environmental; Altitude, Temperature, Humidity, Fungus, Sand & Dust, Rain), and MIL-STD-1399-300B (Interface requirements for AC devices; Voltage Transients (spikes), Frequency Transients, Harmonics, Power Factor). IntelliPower products are used in a wide range of key military programs within the Army, Air Force, Navy and Marines.

To find out more about IntelliPower capabilities, please visit our website at www.intellipower.com/capabilities.

CORPORATE HEADQUARTERS

1746 N. Saint Thomas Circle • Orange, CA 92865 USA
Tel: 714.921.1580 • Fax: 714.921.4023
Email: sales@intellipower.com • www.intellipower.com

All products designed and manufactured in the U.S.A.



External Battery Pack (EBP)	
IP Part #:	FA00177
IP Model #:	EBP-28B-2V4.5AH-1U12-IP65
Unit Description:	External Battery Pack Extreme Temp Batteries in 1U Enclosure meeting IP65
SPECIFICATIONS	
Connector(s) UPS/Charger (type, location, pin outs):	Cir mil: MS3452L18-11S
Enclosure Type & Size (type/rack unit, dimensions):	1U, 1.75" Hx17"Wx12"D
Enclosure Material & Finish (aluminum/steel, finish):	Aluminum
Enclosure – Special (IP65/Zone 1):	N/A
Battery Type (rating, PbAcid/Pure PbAcid/Lithium Iron):	2V4.5AH Cyclon
Battery Total Quantity:	28
Battery String Voltage:	56DC
Battery String (number of strings, quantity per string)	1, 28
Battery Minimum Run Time (approx. run time at #watts):	Approx 10 minutes for DC load of 600W
Battery Mounting (hot swap/fixed):	Fixed
Temperature (operating, storage):	-40C to +80C operating
Weight Limit with Batteries:	N/A
EMI Filter:	N/A
Other:	Air flow is front to rear so UPS and Battery pack can be stacked closely without creating a heating problem Ingress Protection:IP65 compliance. Includes minimum holes for battery venting to meet safety requirement and drain to avoid accumulation of any water.

ISO 9001: 2008 Certified

Mil Standards



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