

## EXTERNAL BATTERY CHARGER (EBC)

External Battery Charger supplying 108V at 12 amps.



Part # FA10010

Model # EBC-RM-132V-12A-2U21

## 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](http://www.intellipower.com/capabilities).

## CORPORATE HEADQUARTERS

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



External Battery Charger (EBC)	
IP Part #:	FA10010
IP Model #:	EBC-RM-132V-12A-2U21
Unit Description:	External Battery Charger supplying 108V at 12 amps.
SPECIFICATIONS	
Power Rating (VA, Watts):	1580W
Input AC Voltage (AC Voltage, tolerance):	230VAC (-20% +15%)
Input DC Voltage (DC Voltage, tolerance):	N/A
Input Frequency (Hz, tolerance):	50/60Hz, (±5Hz)
Output DC Voltage (DC Voltage, tolerance):	108VDC nominal
Enclosure Type & Size (type/rack unit, dimensions):	2U, 3.5"H x 17"W x 21"D
Enclosure Material & Finish (aluminum/steel, finish):	Aluminum
Enclosure Airflow (front to rear/front to side/other):	Front To rear
Enclosure – Special (IP65/Zone 1):	N/A
Connector(s) Input (type, location, pin outs):	Locking Anderson
Connector(s) Output (type, location, pin outs):	2 wire Locking Anderson
Battery String Voltage:	108VDC nominal
Temperature (operating, storage):	Operating: -10C to 50C
Humidity:	0 to 95%, non-condensing
PFC Feature:	Yes
Isolation (galvanic isolation/non-isolated):	galvanic isolation
Application (shipboard/airborne/ground/all):	Ground
Fan Filters (EMI/dust/combo/grill):	EMI and dust filter combo
Auto Start (manual start/auto start):	Yes
Conformal Coated PCBAs (yes/no):	Yes
Communications (RS232):	RS-232
Breaker & Switch Input (type, location, rating):	2P10A, CB
Breaker & Switch DC Output (type, location, rating):	N/A

ISO 9001: 2008 Certified

TAA Compliant



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