

External Battery Charger (EBC) FA00182

All IntelliPower systems utilize circuit boards, chassis, components and construction techniques that are specifically designed for extreme environments—rugged, challenging thermal and/or shock and vibration applications. 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. Our standard build practices have enabled certified compliance to a number of performance standards for select models and product families. IntelliPower systems have proven performance in a wide range of key rugged military programs within the Army, Air Force, Navy and Marines. IntelliPower products are designed and manufactured in the USA, which means shorter lead times from design to shipping, as well as a level of personalized service unequaled in the marketplace.



External Battery Charger (EBC)

Part #:	FA00182	102121
Model #:	EBC-RM-96V-12A-2U21	
Unit Description:	External Battery Charger supplying 96V at 12 amps.	

INPUT RATINGS	
Input AC Voltage 1 (AC Voltage, tolerance):	120/240VAC, (-20% +15%)
Input Frequency 1 (Hz, tolerance):	50/60Hz, (±5Hz)
Input Max Current with Inverter Output (Amps):	16 Amps
PFC Feature:	Yes
Breaker & Switch Input 1 (type, location):	Toggle switch on front panel
OUTPUT RATINGS	
Power Rating (VA, Watts):	12 Amps
Output AC Voltage 1 (AC Voltage, tolerance):	N/A
Output DC Voltage (DC Voltage, tolerance):	96V, Nominal
Output Frequency 1 (Hz, follower/changer):	60Hz Changer

(continued)

Isolation (galvanic isolation/non-isolated):	Galvanic Isolation
Neutral Bonded to Ground (bonded/un-bonded/switch):	N/A
Breaker & Switch AC Output 1 (type, location):	N/A
MECHANICAL	
Enclosure Type & Size (type/rack unit, dimensions):	2U21
Enclosure Material & Finish (aluminum/steel, finish):	Steel
Enclosure Airflow (front to rear/front to side/other):	Front to rear
Enclosure – Special (IP65/Zone 1):	N/A
Fan Filters (EMI/dust/comboination/grill):	Dust
Conformal Coated PCBAs (yes/no):	Yes
INTERFACE COMMUNICATIONS	
Communications (SNMP2/SNMP3/RS232, type):	RS-232
Discrete (Relay/Opto, Description):	N/A
ADDITIONAL ELECTRICAL FEATURES AND CONTROLS/INTERFACE	
Auto Start (manual start/auto start):	Auto Start
Cold Start Switch (yes/no):	No
CONNECTORS	
Connector(s) AC Input 1 (type, location):	IEC-320 C-14, (Back Panel)
Connector(s) AC Output 1 (type, location):	Locking Anderson
Connector(s) EBP/Charger (type, location):	N/A
BATTERIES	
Battery Type (rating, PbAcid/Pure PbAcid/Lithium Iron):	N/A
Battery Total Quantity:	N/A
Battery String Voltage:	96VDC
Battery String (number of strings, quantity per string)	N/A
Battery Minimum Run Time (approx. run time at #watts):	N/A
Battery Mounting (hot swap/fixe):	N/A
EMI and ENVIRONMENTAL	
Application (shipboard/airborne/ground/all):	Ground
Operating Temperature:	-10°C to +50°C
Humidity:	0-95%, non-condensing

Specifications subject to change without notice.