

External Battery Charger (EBC) FA00340

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 #:	FA00340	102121
Model #:		
Unit Description:	96V, 2A Battery Drawer Charger	

INPUT RATINGS	
Input AC Voltage 1 (AC Voltage, tolerance):	115 VAC, (-20% + 15%)
Input Frequency 1 (Hz, tolerance):	60 Hz, (+/-5 Hz)
Input Max Current with Inverter Output (Amps):	7amps
PFC Feature:	N/A
Breaker & Switch Input 1 (type, location):	2P7.0A, toggle
OUTPUT RATINGS	
Power Rating (VA, Watts):	96 VDC, 2 AMPS
Output AC Voltage 1 (AC Voltage, tolerance):	N/A
Output DC Voltage (DC Voltage, tolerance):	107 VDC
Output Frequency 1 (Hz, follower/changer):	N/A

(continued)

Isolation (galvanic isolation/non-isolated):	Non-isolated
Neutral Bonded to Ground (bonded/un-bonded/switch):	N/A
Breaker & Switch AC Output 1 (type, location):	2P7.0A, toggle
MECHANICAL	
Enclosure Type & Size (type/rack unit, dimensions):	2U, rack mountable, 3.5 x 17 x 21 Inch (Height x Width x Depth)
Enclosure Material & Finish (aluminum/steel, finish):	Aluminum, powder coated charcoal gray
Enclosure Airflow (front to rear/front to side/other):	Front to rear
Weight:	20 lbs.
Enclosure – Special (IP65/Zone 1):	N/A
Fan Filters (EMI/dust/comboination/grill):	Grill
Conformal Coated PCBAs (yes/no):	No
INTERFACE COMMUNICATIONS	
Communications (SNMP2/SNMP3/RS232, type):	RS232
Discrete (Relay/Opto, Description):	N/A
CONNECTORS	
Connector(s) AC Input 1 (type, location):	1 each IEC 60320 C14 panel mounted rear
Connector(s) AC Output 1 (type, location):	N/A
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/fixed):	Hot Swap
EMI and ENVIRONMENTAL	
Application (shipboard/airborne/ground/all):	Ground
Operating Temperature:	0°C to +40°C
Humidity:	5-95%, non-condensing

Specifications subject to change without notice.