



EB1s 1350VA-240V/50Hz-36VDC

017-068-46



Product Description

The EB1s is an uninterruptible power supply that provides isolated and regulated power for CATV/HFC network applications. The high efficiency battery backup inverter features synchronous rectification, ensuring cooler operating temperatures and longer battery runtime. Featuring an intuitive user interface, the EB1s is easy to use and is plug and play with existing infrastructure and equipment. Accessories that include battery balancing and CableLabs® certified DOCSIS 2.0, 3.0, and 3.1 status monitoring transponders, are also available to extend the capabilities of each EB1s.

Specifications

General Specifications	Specification
Compatibility	Direct Replacement, Fits in Most Existing Cabinets/Enclosures
Inverter Module	Hot-Swap, Field Replaceable; Non-Standby UPS when Removed
Battery Balancing	3, 4, 6, or 8 Individual Battery Balancing with Embedded BBM Options
Status Monitoring	Embedded Status Monitor, Conforming to ANSI/SCTE 25-3 2017 (HMS-022); DOCSIS Compliant to Versions 2.0, 3.0, and 3.1
Liquid Crystal Display (LCD)	Four-line, Alpha-Numeric Display with Green Backlight
User Interface	Four Pushbuttons for LCD Menu Navigation
Battery Protection	60 Amp Magnetic/Hydraulic Circuit Breaker

Selectable Output Voltage	63, 75, or 89VAC, Field Configurable, No Tools Required
Transfer Time	4ms, Typically
Battery String Voltage	36VDC, Factory Configured
Inverter Operation Acceptance Voltage	36VDC
Nominal Battery Current	42 Amps
Low Battery Shutdown	Selectable, Default is 1.75 V/cell (31.5V for 18-cells, 42.0V for 24 cells)
Efficiency	Typically, 90% in Line mode, 87% in Inverter mode
Physical Specifications	
Width	15", 15.9" w/handle (381mm, 403mm w/handle)
Height	7.8" (198mm)
Depth	10" (254mm)
Weight	65Lbs/29.5Kg
AC Input Specifications	
AC Input Voltage	240VAC (220-240VAC Compatible)
AC Input Current	7.0 Amps @ Nominal Line Voltage, Full Load, Bulk Charge
AC Input Voltage Tolerance	-25%/+10% (240VAC Nominal)
AC Input Frequency	50Hz $\pm$ 3%
AC Output Specifications	
Output Voltage	Selectable; 63, 75, or 89VAC. Typically 89VAC from Factory
Output Voltage Tolerance	-5% / +3%; Regulation over entire line voltage range
Output Current	15 Amps @ 89VAC, 22 Amps @ 63VAC
Short Circuit Protection	<150% Maximum Current Rating; Programmable Output Disconnect
Output Waveform	Quasi-Square Wave
Output Power	1,350VA

Contact Us

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Minimum Output Current	1.0 Amp load required: any output tap
Charger Specifications	
Charger Acceptance Voltage	Selectable from 15-29VDC; 27VDC Default
Max Battery Charge Current	8.0A
Charging Profiles	User Configurable Float, Equalize Modes per Battery Chemistry
Temperature Compensation	3mv/°C/cell (programmable, 0-5V/°C/cell)
Environmental Specifications	
Operating Temperature	-40° to +65°C
Humidity	5% to 95% Relative Humidity, Non-condensing
Safety Standard Specifications	
Standards	• UL 1778:2014 Ed.5 • FCC CFR Title 47, Part 15, Subpart B. • UL 60950-1:2007 Ed.2/CSA C22.2#60950-1:2007 Ed.2 • CSA C22.2#107.3:2014 Ed.3 • IEC 62040-2:2006 • Additional Third-Party Test Reports are Available

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