

STAND-BY POWER SUPPLY

FSBBLU1350 SERIES



Description

The FSBBLU1350 series of UPSs by BLUNERY are the ideal solution to power all the active equipment deployed in the today's HFC networks. Its proven ferroresonant technology, allows for a very stable and quasi-sinusoidal regulated O/P voltage.

The unit's touch 3.2" color LCD display and its graphic interface, makes this power supply extremely easy to use.

Some of its main features of this units are:

- Intelligent battery charger (includes temperature compensation feature). Designed to work with lithium and lead-acid batteries.
- Excellent I/P, O/P and shortcircuit protections.
- Front panel connections for an easy installation and service.
- Hot-swappable inverter module.
- Available output voltages: 60/90 VAC (field selectable).
- Designed to meet: UL/CSA 60950-1, UL 1778, CSA 107.3 (NRTL/C), IEC 60950-1 (CB), IEC 62040-1

Main Features

Outdoor cabinet, GABLATGB series

- Mounting options: wood/cement pole or wall mount.
- Made of premium quality aluminium.
- Durable powder coat paint.
- Heavy duty battery holder tray & slides
- Two available models: 3 or 6 batteries (for longer backup time).
- Security hardware.
- Two high-brightness outside LEDs status indicators.
- Open door sensor alarm.



DOCSIS3.0 Embedded Transponder, ACCBLUTRNSP30

- Allows for remote access for parameters adjustments, unit's status and alarms verification.
- DOCSIS 3.0 certificated.
- Designed to work under harsh environments, such as very high temperatures and humidity.
- Individual batteries' voltage and temperature measurements.
- Front panel LEDs for an easy and quick diagnostic.
- Web server and SNMP.
- Full compliance with ANSI/SCTE HMS standards.
- Optional protection module against transient overvoltages and surges.



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SPECIFICATIONS

		FSBBLU135022050	FSBBLU135022060	FSBBLU135012060
ELECTRICAL				
INPUT				
Nominal Voltage [VAC]		220 - 240	220 - 240	110 - 120
Frequency [Hz]		50 +/-3	60 +/-3	
High Voltage Transfer - Adjustable Range [%]		+5 a +15		
Low Voltage Transfer - Adjustable Range [%]		-5 a -20		
Nominal Current [Amps]		8		14
Maximum Current @ I/P VAC Nom -15% [Amps]		< 10		< 16
Efficiency - Line Mode [%]		Max 90		
OUTPUT				
Nominal Voltage [VAC]		63 / 89		
Regulation - Line [%]		-4 / +1		
Nominal Current [Amps]		22 / 15		
Waveform		quasi sinusoidal		
Maximum Power [VA]		1350		
Efficiency - Inverter Mode [%]		Max 86		
Overcurrent Protection - Adjustable Range [%]		+115 to +150		
BATTERY CHARGER				
Battery Bank Nominal Voltage [VDC]		36		
Float Voltage - Adjustable Range [mVDC/Cell] *		2100 to 2370		
Equalize Voltage - Adjustable Range [mVDC/Cell] *		2200 to 2500		
Low Voltage Disconnect - Adjustable Range [mVDC/Cell] *		1600 to 1850		
Temperature Compensation - Adjustable Range [mVDC/degC/Cell] *		0 to 10		
Lithium Battery Compatible		Yes		
Maximum Current [Amps]		10		
MECHANICAL				
Dimensions: H x W x D [mm/inches]		210 x 368 x 275 / 8.3 x 14.5 x 10.82		
Weight [Kg/Lb]		31 / 68		
Paint		Powder, green RAL 6828		
ENVIRONMENTAL				
Working Temperature [°C/°F] • Shuts down internal Temp: +85 / +185 • Reconnects Internal Temp: +65 / +149		-40 to +65 / -40 to +149		
Storage Temperature [°C/°F]		-40 to +70 / -40 to +158		
Relative Humidity - Non Condensing [%]		0 to 95		
INTERNATIONAL STANDARDS				
Safety		UL62368/CSA (replaces UL60950)		
EMI Directives		EN62040-2, EN61000-3-2, EN61000-3-3		
LV Directives		EN620404-1 / LVD2006-95 / EC		
EMC Directives		2004/108/EC		
CE Mark (Europe)		Yes		

* 18x Cells Based (12VDC VRLA)