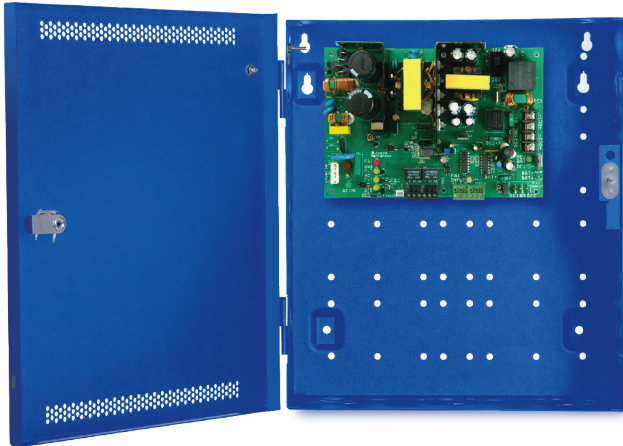


bright blue® INTELLIGENT ACCESS MANAGEMENT

VBB-3ALS, VBB-6ALS & VBB-10ALS bright blue®/ lite blue® Dual Voltage Power Supplies



Overview

The VBB Series power supplies are efficient high performance dual power supplies with battery charger and power supervision, capable of providing two outputs, user selectable for 12 or 24VDC. One output provides continuous output power and the second is programmable to either fail-safe or fail-secure lock operation, when the on board fire alarm interface is activated.

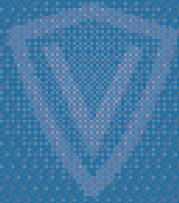
On-board visual indicators allow for immediate installer feedback. Independent form C relay contacts are provided to report AC and system fault conditions to remote or auxiliary equipment. The VBB Series are uninterruptible power supplies when stand-by batteries are connected.

VBB power supplies are fully fault protected and feature fiberglass printed circuit boards to protect the electronics from water and other corrosive elements. High efficiency design promotes low heat generation leading to longer service life.

These power supplies are RoHS compliant, lead-free, and meet the latest state, federal and European requirements for energy efficiency.

✓ KEY FEATURES

- User selectable voltage and operation
- Continuous or switched voltage
- Fail-safe or fail-secure operation
- Independent charging circuit meets stricter UL output tolerance requirements
- Microprocessor dual rate charging restores battery sets from 4 to 40 Ah
- Automatic switch over to battery when AC fails
- Zero voltage dropout on battery transfer
- Over load protection / short circuit protection
- Over temperature protection
- AC line transient voltage protection
- AC Fail (form "C" contacts)
- System Fault (form "C" contacts) may be triggered by low/no battery, short to earth ground and power supply failure
- Visual Indicators



SUPERVISED POWER SUPPLY/CHARGER SPECIFICATIONS

	VBB-3ALS	VBB-6ALS	VBB-10ALS
Batteries Supplied	Two (2) 12VDC 7AH back up batteries	Two (2) 12VDC 7AH back up batteries	Two (2) 12VDC 7AH back up batteries
AC Input Voltage	120 or 230VAC	120 or 230VAC	120 or 230VAC
AC Indicator	LED	LED	LED
DC Output Voltage	12VDC @ 6A or 24 VDC @ 3A	12VDC @ 12A or 24 VDC @ 6A	12VDC @ 20A or 24 VDC @ 10A
Module Dimensions	4.0"L x 6.0"W x 2.5"H	5.5"L x 8.25"W x 2.5"H	5.5"L x 8.25"W x 2.5"H
Input Power (max)	83 Watts	170 Watts	282 Watts
Outputs Power	75 Watts	150 Watts	250 Watts
Efficiency	85%	88%	87%
Battery Charge Capacity	40 Amp Hours	80 Amp Hours	80 Amp Hours
Default Charge Current	1 Amps	2 Amps	2 Amps
BTU Rating	33 BTU/Hr	66 BTU/Hr	109 BTU/Hr
Enclosure Dimensions	14"L x 12"W x 4.5"D	14"L x 12"W x 4.5"D	14"L x 12"W x 4.5"D
Operating Temperature Range	0 - 49°C (32 - 120°F)	0 - 49°C (32 - 120°F)	0 - 49°C (32 - 120°F)
Weight with Enclosure	11 lbs (4.99 kg)	11.5 lbs (5.22 kg)	11.5 lbs (5.22 kg)
Approvals	UL listed for UL 294 Access Control and more	UL listed for UL 294 Access Control and more	UL listed for UL 294 Access Control and more

Ordering Information

VBB-3ALS	75W, 6A/12VDC or 3A/24VDC Switching Power Supply with Charger
VBB-6ALS	150W, 12A/12VDC or 6A/24VDC Switching Power Supply with Charger
VBB-10ALS	250W, 20A/12VDC or 10A/24VDC Switching Power Supply with Charger
Accessories	
PDD-FT	DC Fire Transfer Relay Module
DCPM-1	Adjustable DC Output Voltage Module



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