



# SBB-3APS, SBB-5APS & SBB-20APS

*bright blue Power Supplies*

## Overview

The SBB Series power supplies are efficient linear performance power supplies with battery charger and power supervision. Extensive filtering provides a balance of super clean power. This design eliminates interference problems with proximity readers. The SBB Series are uninterruptible power supplies when stand-by batteries are connected. A service switch allows the DC output to be turned off for service.

## FEATURES & BENEFITS

- Super clean linear performance
- Precise battery regulation for all lead acid batteries
- LED's indicate AC, power good, and DC on
- Electronic power limited short circuit protection
- Thermal regulation prevents overheating
- Output ON/OFF service switch
- No switch over or voltage drop when input power fails



## ORDERING INFORMATION:

- SBB-3APS: 24VDC @ 3A Power Supply/Charger
- SBB-5APS: 24VDC @ 5A Power Supply/Charger
- SBB-20APS: 24VDC @ 10A or 12VDC @ 20A Power Supply/Charger
- PDD-FT: DC Fire Transfer Relay Module
- DCPM-1: Adjustable DC Output Voltage Module

## SUPERVISED POWER SUPPLY/CHARGER SPECIFICATIONS

	SBB-3APS	SBB-5APS	SBB-20APS
Batteries Supplied	Two (2) 12VDC 7AH back up batteries		
Universal AC Input	85-260VAC	85-264VAC	90VAC-132VAC
AC Indicator	LED		
AC Input 3P Terminal Block	Line, Neutral and Earth Ground		
DC Output	24VDC @ 3A	24VDC @ 5A	24VDC @ 10A or 12VDC @ 20A
Module Dimensions (H x W x D)	6.4" x 3.95" x 2.35" (16.3cm x 10.0cm x 6.0cm)	7.4" x 3.94" x 2.35" (18.8cm x 10.0cm x 6.0cm)	7.75" x 4.17" x 3.23" (19.7cm x 10.6cm x 8.2cm)
Enclosure Dimensions (H x W x D)	14.0" x 9.0" x 3.5" (35.6cm x 22.9cm x 8.9cm)	14.0" x 14.0" x 4.75" (35.6cm x 35.6cm x 12.1cm)	
Ambient Temperature in Enclosure	-4° to 95° F (-20° to 35° C)		
Humidity	95% RH Non Condensing		
Weight with Enclosure	7.6 lbs (3.45 kg)	13.0 lbs (5.90 kg)	11.4 lbs (5.17 kg)
Approvals	UL listed for UL294 Access Control and more	UL listed for UL294 Access Control and more	UL listing for UL294 Access Control is Pending

### OPTIONAL ACCESSORIES:

#### PDD-FT DC Fire Transfer Relay Module

##### Specifications:

- Non latching or latching mode
- Universal 11-29VDC Operation
- Reverse polarity protected
- Normally on & normally off Output
- Output LED indicates condition
- Form C contacts indicates trigger status
- 12A transfer relay contacts
- Outputs can be triggered with:
  1. N/O or N/C switch with supervised EOL
  2. N/C switch with over ride
  3. N/C switch with AUX-IN auxiliary
  4. Ground on any trigger input when green jumper is enabled
- RoHS Lead Free
- Module Dimensions: 2.23W" x 3.75W x .8D"
- Ambient Temperature in Enclosure: -4° to 95° F
- Humidity: 95% RH Non Condensing
- Weight: 2.2oz
- UL listed for UL294 Access Control and more

#### DCPM-1 Adjustable DC Output Voltage Module

##### Specifications:

- 6-26VDC adjustable DC output voltage
- Low voltage AC or DC Input
- Up to 1A continuous supply current
- Clean Linear output
- Electronically protected against over current and temperature
- Module Dimensions: 2.4W" x 1.1W x 2D"
- Ambient Temperature in Enclosure: -4° to 95° F
- Humidity: 95% RH Non Condensing

