



ANALYTIC SYSTEMS

Power Conversion Solutions

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Benefits

- Ultra-Quiet
- Power sensitive electronics without interference
- Economical
- Ensure years of safe and trouble free operation

Applications

- Any critical power supply application
- Telecommunications systems
- Mobile sound/audio displays
- GPS receivers
- Security systems
- CCTV systems

AC Power Supplies

PWS-BRM Series 19" Rackmount

Description

This is a 19 inch Rack Mount Power Supply which converts 120V, 60 Hz AC power into regulated 27.6 V DC, +/- 1% (At module output) delivering up to a maximum of 50A continuous (up to 57.5 A surge) with 5 Base Level PCB Modules.

There is provision to connect the power supply to an external battery for backup power in the case of an AC power failure and re-charge the battery when AC power resumes.

Features

- Provides N + 1 redundancy on PWS-BRM30A, and PWS-BRM50A
- Voltage/Amp meter
- Module status LEDs, fault indicator LEDs and fault alarm are standard features on all models
- Highly regulated output voltage
- Short circuit protection and overload current limiting with automatic reset feature
- 3.5" height, 19" wide
- 1 year warranty
- All models are rated for continuous output
- 30 and 50 Amp models can be expanded to 100 Amps by adding Analytic 10 Amp power supply modules
- Built in battery back up module (Max 8 Amp charging current) Note: Excludes batteries
- D-Sub connector for remote analog monitoring

Specifications

Electrical (Input/Output)

No. Of Modules	5
Input Voltage Range	105 TO 125 VAC, 60 HZ
Input Current	25A Max
Input Power Factor	0.62
Output Voltage (At terminals L1 & L2)	- NO LOAD 28.0V DC - LOAD <1A 27.6V DC - LOAD >1A 27.6V DC minus 15mV/A
Output Regulation (At module output)	1%
Output Current Continuous Surge	50A 57.5A
Output Current Limit	60A
Output Ripple	Less Than 150mV Peak to Peak
Output Noise	Less Than 2V Peak To Peak
Cooling	Forced Air, 2 Fans

Safety Protections and Mechanical Specs

Short Circuit	Yes
Current Limit	Yes
Fan Failure	Buzzer, plus signal for Remote LED
Input Surge Suppression	Yes
Fuse	Module Fuse – 125VAC / 4A Unit Has Switch / Breaker – 125VAC, 20A
Operating Temperature	0 to 40°C
Dimensions	19" X 14" X 3.5"
Weight, Lbs	29 lbs
Warranty	1 year

Available From:



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Quality since 1976

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