

# POWERBRITE™ PB9

## POWER DISTRIBUTION RACK AND LIGHT

**SAMSON AUDIO**



The PowerBrite™ is designed for live, studio and fixed installation environments. This one rack space AC power distribution unit is placed at the top of a rack and supplies illumination to the entire rack via an adjustable front panel pull-out fluorescent light. The eight rear receptacles are arranged vertically and horizontally to accommodate both AC plugs and power supplies. The front panel features a power On/Off switch, an unswitched receptacle (for additional power needed for temporary uses as in soldering, etc.), a 15 Amp circuit breaker and a special back-lit inlay which can be customized to display a facility logo or name.

- Power distribution system.
- Adjustable pull-out fluorescent light.
- 19" 1U Rack space.
- 8 Rear panel vertical and horizontal receptacles.
- Front panel 15 Amp circuit breaker.
- Front panel power on/off switch.
- Front panel unswitched receptacle.
- Customizable front panel inlay.

Contact:

# ARCHITECT'S & ENGINEER'S SPECIFICATION

# POWERBRITE PB9 SPECIFICATIONS

The unit shall provide power distribution to eight switched rear receptacles arranged horizontally and vertically to accommodate standard AC plugs and AC adapters as well as one unswitched front panel receptacle.

The unit shall provide a front panel retractable fluorescent light (using a F4T5CW type bulb and a condenser type FS2 fluorescent starter), a 15 amp circuit breaker, a mains On/Off switch and a light switch. It shall provide spike protection from hot to neutral, hot to ground and neutral to ground. The PowerBrite PB9 shall have a maximum clamping voltage (@ 100 amps) of 400 volts, Maximum surge current of 8,000 Amps and a maximum spike energy of 85 joules all at a response time of 1 nanosecond. The unit shall have an internal 500 milliAmp T-type starter fuse.

The front panel nameplate shall be customizable where as the Samson Logo may be replaced with any company logo. The PowerBrite owner's manual shall provide information on obtaining a custom logo.

The dimensions shall be 19" (482 mm) wide, 7.5" (190 mm) deep and 1.75" (44.5 mm) high (1 rack space). Weight shall be 7 lb. (3.2 kg). The PowerBrite shall carry a three-year warranty.

The unit shall be a SAMSON POWERBRITE PB9.

## Electrical:

Number of Outlets	8 switched, 1 unswitched
Max. Current	15 Amp (circuit breaker protected)
Input Voltage (RMS)	0 to 130 VAC continuous
Spike Protection Mode	Hot to Neutral, Hot to Ground, and Neutral to Ground
Max. Clamping Voltage (@ 100 A)	400 VAC
Response Time	1 nanosecond
Max. Surge Current	8,000 Amps (8 x 20 ms pulse)
Max. Spike Energy	85 Joules
Noise Attenuation	>20 dB, 1.5 MHz to 200 MHz
Power Cord	Pendant

## Bulb/Starter:

Fluorescent Bulb Type	F4T5CW
Bulb Life (Typical)	3,000 Hours
Lumens	95
Fluorescent Starter	Condenser Type FS2 (110 Vac, 4 - 20 Watts)
Starter Fuse (Internal)	500 milliAmp T-type

## General:

Dimensions	19" (w) x 7.5" (d) x 1.75" (h) 482 mm (w) x 190 mm (d) x 44.5 mm (h)
Weight	7 lbs. / 3.2 kg
Conforms	UL and CUL

