

POWER
DISTRIBUTION

RACK MOUNT + VERTICAL RACK MOUNT + WALL MOUNT + SINGLE OUTLET



OUR STORY

From Ethereal, the pioneers of unique AV innovations for more than 75 years, comes the power distribution products of the future. We know what AV professionals need to keep their invaluable customers happy and fulfill their expectations. We also know what it takes to protect the most valuable equipment while giving customers convenient, reliable service. That's why we created Big Dog Power.

We've incorporated revolutionary features that allow for full smart home integration, automation, and remote control to make the job of AV professionals easier. Gone are the days of tedious service calls to simply reboot equipment or insufficient surge protection. Instead, we're giving integrators the power to spend less time on maintenance while increasing overall customer satisfaction with their business.



REVIEWS

AUSTIN NOONAN

Infinity Home Technologies

"Big Dog Power's field replaceable surge modules and remote monitoring is a game-changer. This will help give our clients the best service possible with virtually no risk of downtime from a Surge-related Event."



CAGNEY LAFFERTY

Vintage Security

"Big Dog Power is a solid piece of networking equipment that can protect your network on multiple levels. The fact that you're not losing a device; instead, you are replacing a surge module when a surge happens is awesome. The option of WiFi and a hardwired connection are necessary for many take over or retrofit applications."



BILL HUFFMAN

Skywalker AV Supply

"I personally tested the new Big Dog Power Products from Metra AV. The products were built well and performed as expected, plus the app was easy to use. My favorite feature, and what really sets this product apart from the competition, was the replaceable surge protection modules. Big Dog Power will simplify installations and add value to our installers' business."



SEAN FITZPATRICK

DOW Technologies

"The removable surge module is a game-changing element. Also, the feature that allows the system to ping my router and modem to ensure I have a steady internet connection saves truck rolls and fixes a customer's problem before they even realize they had one."

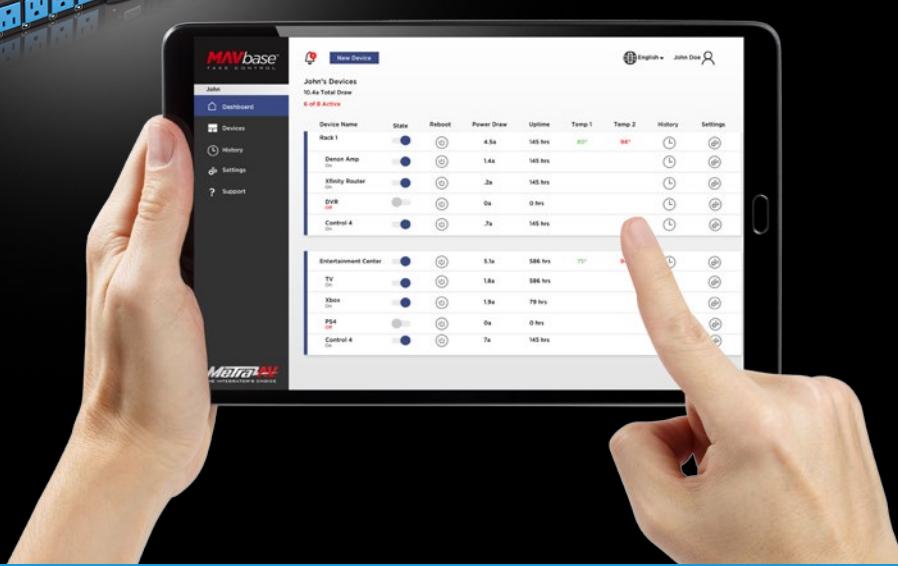


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THE ABILITY TO SEE ALL INSTALLS MAVBASE APP



BIG DOG™
THE POWER TO PROTECT

BigDogPower.com

MANAGE EVERYTHING FROM ONE APP

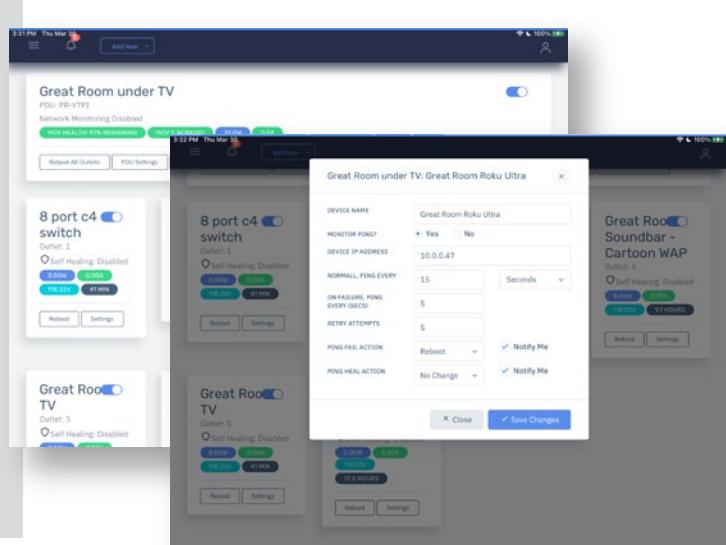
An intuitive monitoring and remote management platform designed by Ethereal for Automation, AV, networking and surveillance integrators. This app makes it easy to give customers the best service possible by managing and configuring all device settings and fixing problems before they affect their systems. The flexible app is designed to work how integrators work, with easy programming that can be set up by outlet or device to mimic the workflow of their choice. Combined with the award-winning Big Dog Power Smart Power Distribution Unit (PDU), this app allows AV professionals to deliver surge protection, remote control, smart home integration, rack temperature management, and more.



MAVBASE.COM

FEATURES

- ✓ Remotely access and control Big Dog Power devices
- ✓ Monitor and manage all of your clients and their systems
- ✓ User-friendly design makes remote management easy
- ✓ Stay on top of system changes with push notifications
- ✓ Self healing configuration
- ✓ View diagnostics remotely in real time to track and prevent system issues
- ✓ Virtually eliminates downtime from surge-related events
- ✓ Fix remotely: Customer has confidence and comfort level that it's handled - communication is seen





12+1 OUTLET INTELLIGENT RACK MOUNT POWER DISTRIBUTION UNIT

PR-R13PI



12

SMART OUTLETS
+1 ALWAYS ON



REPLACEABLE M.O.V.
SURGE MODULES



POWER METERING
INDIVIDUAL OUTLETS



MAVBASE APP
MANAGEMENT



SELF HEALING
AUTO REBOOT



4 SMART
THERMISTORS



FLEXIBLE MOUNTING
OPTIONS



WIRED/WIRELESS
CONNECTIVITY



SET MULTIPLE
SCHEDULES



CONNECTED EQUIPMENT
GUARANTEE

INTELLIGENT POWER

We've combined all the features integrators need into one unique power distribution unit to deliver surge protection, remote control, smart home integration, rack temperature management, and more. The 12 individually controllable outlets have power metering, self-healing, and automatic reboot capabilities for smarter remote management of your connected devices. An additional always-on service outlet is available when you need to charge a laptop or cell phone when working on the system. The power distribution unit can also be set up and programmed without an internet connection.

Specifications:

OPERATING TEMPERATURE: 14°F - 104°F (-10°C - 40°C)

SURGE PROTECTION: 5100 Joule (replaceable)

EXTERNAL ANTENNA: Yes

OUTLETS (TOTAL): 13 outlets

ALWAYS-ON OUTLET: 1 (front) service outlet

SWITCHED OUTLETS: 12 (rear)

AC INPUT OUTLET: IEC C14, 15A circuit, product UL rating 12A

EMI/RFI NOISE FILTRATION: 53dB

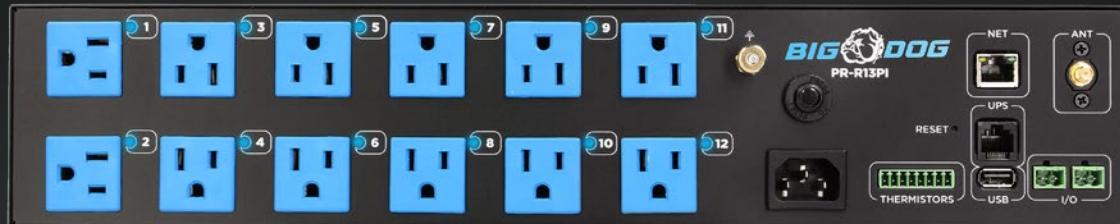
CIRCUIT BREAKER (COP): Yes (rear)

CORD LENGTH: 6ft

SAFETY CERTIFICATIONS:

UL/CUL, FCC. UL 62368-1+UL 498+1449 with CSA 269.3+UL 1283, FCC Part15B+ICES-003, FCC ID/ISED (wireless device FCC)

WARRANTY: 5 Year Limited



REMOVABLE SURGE PROTECTION MODULES

The effectiveness of a surge protector weakens with every single surge. Instead of leaving your devices vulnerable or replacing the entire system any time it takes a hit, two removable surge protection modules (MOVs) allow you to replace just the modules. The app lets you see their remaining life (Surge Mileage), so you can monitor the condition of the MOVs and schedule servicing to replace them as needed.



Self-Healing Relays for Automatic Rebooting

The smart outlets have contact closure and sensing relay capabilities, which means they can automatically reset outlets that are not on the network. Automate an outlet reset process so you can experience your smart home technology without inconvenient interruptions requiring service calls or visits.

Smart Temperature Monitoring

Four temperature sensors allow you to set up features like turning on a fan or turning off devices when the temperature gets too high.

Prevent Technical Issues Before they Happen

Reduce service calls and truck rolls by programming connected devices to automatically reset on an ongoing schedule.

Integrate with the Best

Big Dog Power products are “automation-ready” for Control4 and Crestron, with more platforms coming soon so you can continue managing your devices through the same control system app.



6+1
LOOP OUT
OUTLET

INTELLIGENT VERTICAL RACK MOUNT POWER DISTRIBUTION UNIT

PR-V7PI



SMART OUTLETS



REPLACEABLE M.O.V.
SURGE MODULE



POWER METERING
INDIVIDUAL OUTLETS



MAVBASE APP
MANAGEMENT



SELF HEALING
AUTO REBOOT



FLEXIBLE MOUNTING
OPTIONS



WIRED/WIRELESS
CONNECTIVITY



SET MULTIPLE
SCHEDULES



CONNECTED EQUIPMENT
GUARANTEE

INTELLIGENT POWER

We've combined all the features integrators need into one unique power distribution unit to deliver surge protection, remote control, smart home integration, and more. The 6 individually controllable outlets have power metering, self-healing, and automatic reboot capabilities for smarter remote management of your connected devices. An additional loop-out outlet allows daisy chaining multiple units for unlimited configuration and easy addition for new devices.

Specifications:

OPERATING TEMPERATURE: 14°F - 104°F (-10°C - 40°C)

SURGE PROTECTION: 2040 Joule (replaceable)

EXTERNAL ANTENNA: Yes

OUTLETS (TOTAL): 7 outlets

LOOP-OUT OUTLET: 1 outlet for daisy chaining

SWITCHED OUTLETS: 6

AC INPUT OUTLET: IEC C14, 15A circuit, product UL rating 12A

EMI/RFI NOISE FILTRATION: 53dB

CIRCUIT BREAKER (COP): Yes (rear)

CORD LENGTH: 6ft

SAFETY CERTIFICATIONS:

UL/CUL, FCC. UL 62368-1+UL 498+1449 with CSA 269.3+UL 1283, FCC Part15B+ICES-003, FCC ID/ISED (wireless device FCC)

WARRANTY: 5 Year Limited



Flexible Mounting Options

Mounting equipment on the back of the rack that would hit a traditional vertical PDU. Mount one PR-V7PI above and one below. For a full rack with only a 1RU space available, rotate the unit and mount it horizontally. Link multiple units together for plenty of controlled outlets.



REMOVABLE SURGE PROTECTION MODULE

The effectiveness of a surge protector weakens with every single surge. Instead of leaving your devices vulnerable or replacing the entire system any time it takes a hit, a removable surge protection module (MOV) allows you to replace just the module. The app lets you see their remaining life (Surge Mileage), so you can monitor the condition of the MOV and schedule servicing to replace as needed.



Self-Healing Relays for Automatic Rebooting

The smart outlets have contact closure and sensing relay capabilities, which means they can automatically reset outlets that are not on the network. Automate an outlet reset process so you can experience your smart home technology without inconvenient interruptions requiring service calls or visits.

Smart Temperature Monitoring

Four temperature sensors allow you to set up features like turning on a fan or turning off devices when the temperature gets too high.

Prevent Technical Issues Before they Happen

Reduce service calls and truck rolls by programming connected devices to automatically reset on an ongoing schedule.

Integrate with the Best

Big Dog Power products are “automation-ready” for Control4 and Crestron, with more platforms coming soon so you can continue managing your devices through the same control system app.



3 OUTLET INTELLIGENT WALL MOUNT POWER DISTRIBUTION UNIT

PR-W3PI



SMART OUTLETS



SURGE PROTECTION



POWER METERING INDIVIDUAL OUTLETS



MAVBASE APP MANAGEMENT



SELF HEALING AUTO REBOOT



FLEXIBLE MOUNTING OPTIONS



WIRED/WIRELESS CONNECTIVITY



SET MULTIPLE SCHEDULES



CONNECTED EQUIPMENT GUARANTEE

INTELLIGENT POWER

We've combined multiple features into one unique power distribution unit that fits behind your wall-mounted TV. This 3-outlet smart power controller delivers surge protection, remote control, smart home integration, and more. The 3 individually controllable outlets give you self-healing, automatic reboot, and power metering for total power management. The intuitive MAVbase app provides a simple user experience for easy management of your connected devices.

Specifications:

OPERATING TEMPERATURE: 14°F - 104°F (-10°C - 40°C)

SURGE PROTECTION: 2380 Joule

EXTERNAL ANTENNA: Yes

OUTLETS (TOTAL): 3 outlets

SWITCHED OUTLETS: 3

AC INPUT OUTLET: IEC C14, 15A circuit, product UL rating 12A

EMI/RFI NOISE FILTRATION: 53dB

CIRCUIT BREAKER (COP): Yes (rear)

CORD LENGTH: 6ft

SAFETY CERTIFICATIONS:

UL/CUL, FCC. UL 62368-1+UL 498+1449 with CSA 269.3+UL 1283, FCC Part15B+ICES-003, FCC ID/ISED (wireless device FCC)

WARRANTY: 5 Year Limited



FEATURES

- 3 individually controlled outlets
- Wall/surface mountable
- Self-healing functions for network-connected equipment
- 2380 joule surge protection (L-N Protection)

- Web and mobile app for remote management and notification
- IP automation integration
- 120V/12A rating

Self-Healing Relays for Automatic Rebooting

The smart outlets have contact closure and sensing relay capabilities, which means they can automatically reset outlets that are not on the network. Automate an outlet reset process so you can experience your smart home technology without inconvenient interruptions requiring service calls or visits.

Prevent Technical Issues Before they Happen

Reduce service calls and truck rolls by programming connected devices to automatically reset on an ongoing schedule.

Integrate with the Best

Big Dog Power products are “automation-ready” for Control4 and Crestron, with more platforms coming soon so you can continue managing your devices through the same control system app.



1 OUTLET SMART OUTLET

PR-S1PI



OFFSET OUTLET FOR
LARGE POWER SUPPLY



FULL CONTROL
OF OUTLET



POWER METERING



MAVBASE APP
MANAGEMENT



SELF HEALING
AUTO REBOOT



360° ROTATING BODY
FOR EXTRA SPACE



SET MULTIPLE
SCHEDULES



WIRELESS
CONNECTIVITY

INTELLIGENT POWER

Big Dog Power provides controlled AC power to your equipment. One controlled outlet provides up to 15 amps of current, and a Wi-Fi connection allows for placement and network connectivity flexibility. In addition, the built-in self-healing functions of the PR-S1PI will keep your network-connected equipment going by automatically rebooting and maintaining the equipment.

Self-Healing Relays for Automatic Rebooting

The smart outlets have contact closure and sensing relay capabilities, which means they can automatically reset outlets that are not on the network. Automate an outlet reset process so you can experience your smart home technology without inconvenient interruptions requiring service calls or visits.

Prevent Technical Issues Before they Happen

Reduce service calls and truck rolls by programming connected devices to automatically reset on an ongoing schedule.

Integrate with the Best

Big Dog Power products are “automation-ready” for Control4 and Crestron, with more platforms coming soon so you can continue managing your devices through the same control system app.

FEATURES

- Single controlled outlets
- Wall tap/plug design
- 360° continuous rotation
- Self-healing functions for network-connected equipment
- Web and mobile app for remote management and notification
- IP automation integration
- 120V/15A rating

Specifications:

OPERATING TEMPERATURE: 32°F-77°F (0°C-25°C)

SURGE PROTECTION: N/A

INTERNAL ANTENNA: Yes

OUTLETS (TOTAL): 1 outlet

SWITCHED OUTLETS: 1

CORD LENGTH: N/A

SAFETY CERTIFICATIONS:

UL 498A+UL 244A+UL498A

FCC Part15B+ICES-003

WARRANTY: 3 Year Limited



REPLACEABLE

SURGE PROTECTION MODULE



PR-RMS1



PR-RMS2



FEATURES

- 2040 joule rating (Joules)
- Replaceable
- Keyed to stop incorrect installation
- Status LED
- Compatible with: PR-13PI, PR-V7PI

FEATURES

- 3060 joule rating (Joules)
- Replaceable
- Keyed to stop incorrect installation
- Status LED
- Compatible with: PR-13PI

INTELLIGENT POWER

The effectiveness of a surge protector weakens with every single surge. Instead of leaving your devices vulnerable or replacing the entire system any time it takes a hit, these removable surge protection modules (MOVs) allow you to replace just the modules.

Check Us Out:
BIGDOGPOWER.COM





PR-R8U2K

4+4 OUTLET **2000VA**
ONLINE UPS



8

TOTAL OUTLETS
4 ALWAYS ON
4 PROGRAMMABLE



UNINTERRUPTABLE
POWER SUPPLY



FOUR 12-VOLT 9 AMP
HOUR BATTERIES



*MAVBASE INTEGRATION ONLY
WHEN PAIRED WITH PDU THAT
HAS UPS PAIRING FUNCTIONS



CONFIGURABLE VOLTAGE
& FREQUENCY OUTPUT



2RU
RACK
MOUNTABLE

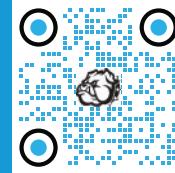


ONLINE UPS
POWER



DOWNLOAD THE LATEST:

- ✓ User Manuals
- ✓ FAQs
- ✓ Firmware Files



<https://qr1.be/4YFT>

POWER LOSS SOLUTIONS

The PR-R8U2K is the first UPS that integrates with the Big Dog Power: Power Distribution system (PR-R13PI and PR-V7PI) to give a seamless experience when you have equipment that needs to stay running for as long as possible in the event of a power outage. This is a 2U rack mounted 2000VA Double Conversion Online UPS with 8 total outlets, with 4 always on and a group of 4 programmable outlets. Due to the Online nature of this PDU, there is no relay to switch power from the AC mains to the battery power which means no period where there may not be power, saving those sensitive electronics from short term power loss errors.

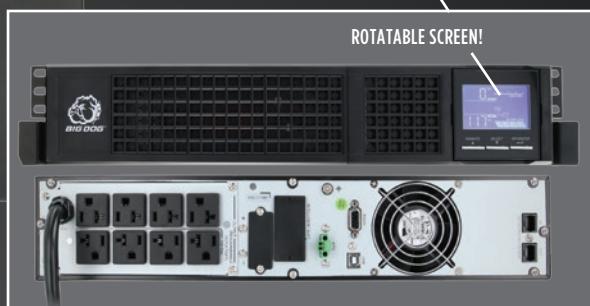
FEATURES

- 2RU rack mountable
- Uninterruptible power supply
- Online UPS power
- 2000VA/1850W capacity
- Four 12-volt 9 amp hour batteries
- Input Rating: 110-127VAC @ 50/60Hz 16A
- 1850W output rating at 120VAC input
- Load shedding when paired with Big Dog PDU (PR-R13PI, PR-V7PI)
- Configurable voltage and frequency output
- Optional PR-PC1520 for use in 15 amp outlet



4+4 OUTLET **2000VA**
ONLINE UPS

PR-R8U2K



Optional PR-PC1520 for use in 15amp outlet

Output Power Rating Table (only for 100/110/115/120/127 VAC system)

Model Name	Input Rating	Output Rating
PR-R8U2K	110-127VAC, 50/60Hz, 16A, 1Ø	100/110/115/120/125/127Vac, 50/60Hz, 1Ø 2000VA/1930W (@127Vac input); 2000VA/1930W (@125Vac input); 2000VA/1850W (@120Vac input); 2000VA/1740W (@115Vac input); 2000VA/1640W (@110Vac input); 2000VA/1500W (@100Vac input)

Specifications:

CAPACITY: 2000VA/1850W

INPUT

VOLTAGE RANGE: Low Line Transfer - 80VAC/70VAC/60VAC/55VAC +/-5%
(based on load percentage 100% - 80% / 80% - 70% / 70 - 60% / 60% - 0)

Low Line Comback - 87VAC/77VAC/67VAC/62VAC +/-5%

High Line Transfer - 150 VAC +/-5% ; High Line Comeback - 145 VAC +/-5%

FREQUENCY RANGE: 40Hz ~ 70 Hz

PHASE: Single Phase with Ground

POWER FACTOR: ≥0.99 @ full load ≤5% @ 205-245VAC or 100-130VAC

THDU: <1.6% @ input and full linear load condition

OUTPUT

OUTPUT VOLTAGE: 100/110/115/120/127 VAC

AC VOLTAGE REGULATION: +/-1% (Batt. Mode)

FREQUENCY RANGE (SYNCHRONIZED RANGE): 47 ~ 53 Hz or 57 ~ 63 Hz

FREQUENCY RANGE: 60Hz 3 0.1 Hz (Batt. Mode)

CURRENT CREST RATIO: 3:1

WAVEFORM (BATT. MODE): Pure Sinewave

EFFICIENCY

AC MODE: ≥91% @ full charged battery ; **ECO MODE:** ≤96% @ full charged battery

BATTERY MODE: ≥90%

BATTERY

BATTERY TYPE: 12V/9AH ; **NUMBERS:** 4

RECHARGE TIME: 3 hours recover to 95% capacity for internal battery@ 2A charging current

CHARGING CURRENT: 100/110/115/120 /127 VAC models: default 2A, max. 8A adjustable

CHARGING VOLTAGE: 54.7 VDC +/-1%

PHYSICAL

DIMENSION, D X W X H (MM): 510 x 438 x 88

NET WEIGHT (KGS): With battery - 19.5 ; Without battery - 9.4

ENVIRONMENT

OPERATION HUMIDITY: 20-95 % RH @ 0- 40°C (non-condensing)

NOISE LEVEL: Less than 50dBA @ 1 Meter (With fan speed control)



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