

Pakedge® PowerPak 8I

Power Distribution Unit



Pakedge PowerPak 8I (PE-08I)

Eight IP-controlled outlets with surge protection and BakPak Lite network management

The PowerPak 8I power distribution unit (PDU) is an intelligent power management solution with eight IP-controlled outlets, surge protection, power conditioning, and remote management built-in. With the PowerPak 8I's remote power cycle, power scheduling, and auto-ping features, dealers can remotely manage problematic devices and eliminate unscheduled truck rolls. And with BakPak™ Lite network management built-in, you now have a powerhouse of remote monitoring and proactive management tools at your fingertips.

Power management

PowerPak 8I offers UL1449-certified surge protection and power conditioning to protect your connected devices. With PowerPak PDU voltage protection, set voltage thresholds for the PDU to automatically power off in the event of excess or low voltage. The PowerPak 8I's fireproof MOV (metal oxide varistors), an important component of surge protection, is designed to protect connected devices by absorbing excess voltage within the MOV. With a built-in fuse, voltage is shut off before the MOV can overheat.

Intelligent management and monitoring

Reduce service calls with remote power cycling and self-healing features for critical and problematic devices. If a PDU reset is necessary, with power sequencing you can ensure the modem, router, and additional critical network devices reboot and power off in the proper order. Need to schedule for a sensitive device to be power cycled in the middle of the night? No problem, we have you covered there, too.

PowerPak 8I's web interface offers real-time and historical analytics of voltage, power utilization, and peak current. Global and individual thresholds can be configured for voltage, power, current, and temperature (temperature sensor sold separately). With real-time alerts for thresholds and device status, you can proactively respond and troubleshoot any issue before a client is aware of the problem.

Localized management and monitoring

Homeowners have local access to reboot individual outlets from the PDU's front panel. The elegant OLED display also provides individual outlet status and measurements for current, power, voltage, and temperature. The buzzer alert feature causes an audible noise directly from the unit if a threshold measurement is exceeded.

Control4 integration

The new Control4 driver and SDDP integration for the PowerPak 8I allows for automated and programmed outlet control within any Control4 project. Keypads and custom buttons can be configured for the homeowner to seamlessly power cycle problematic devices directly from the Control4 touch screen, on-screen display, or Control4 mobile app.

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Pakedge® BakPak integration

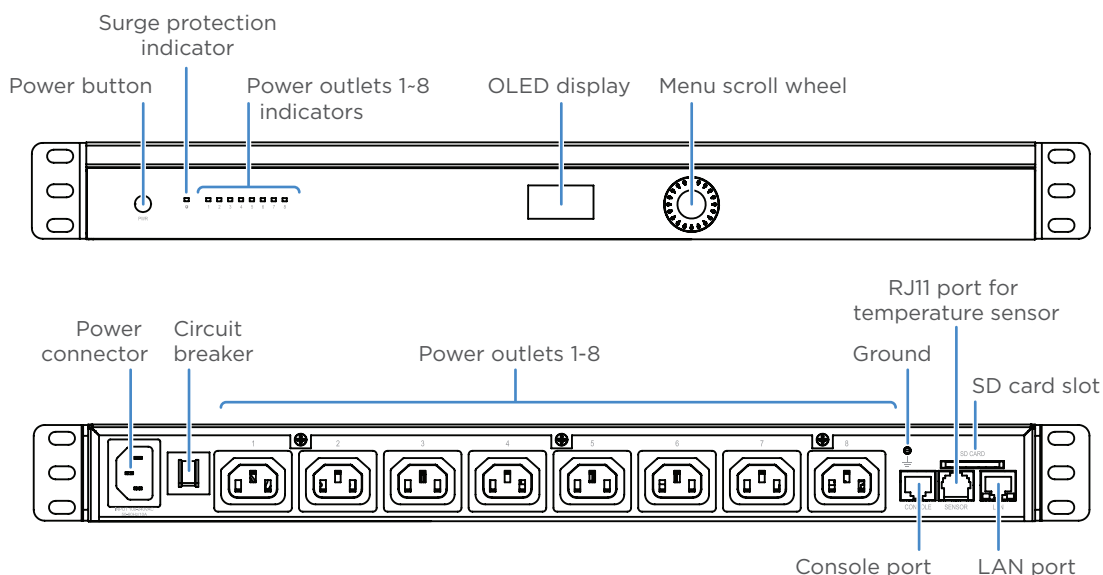
With full BakPak integration (available on the NK-1 and RK-1), the PowerPak 8I is an important part of your powerhouse network management solution to remotely monitor, manage, and troubleshoot all of your clients' networks from one dashboard.

BakPak offers remote power cycling and monitoring of individual outlets directly from the BakPak web interface and BakPak app. BakPak also offers enhanced monitoring and management features of your PowerPak PDUs, including intelligent alerts, threshold configurations, and secure login to the PDU, eliminating the need for VPN or port forwarding.

BakPak offers a unique management feature that allows you to group PoE+ ports with Pakedge SX Series switches with PowerPak PDU outlets for power cycling and power scheduling of your clients' networks.

Feature overview

- Power management
 - 8 individual IP-controlled outlets with IEC plugs (240V)
 - UL1449-certified surge protection, up to 6kV surge protection, and voltage protection rating (VPR) of 800V
 - Power conditioning, with EMI filters of 30 dB at 100 KHz, 53 dB at 1 MHz
 - Voltage protection with threshold configuration and instant alerts
 - Fireproof MOV with built-in fuse and UL94-certified flame rating
 - Rack-mountable, rack ears included
- Intelligent management and monitoring
 - Remote power cycles, power scheduling, and auto-pings
 - Power on and off sequencing
 - Configurable thresholds for global and individual outlets
 - Intelligent alerts: visual, audible, and email alarms with input voltage, current, and temperature thresholds
 - Analytic tools for remote troubleshooting
- Localized Management and Monitoring
 - OLED display with individual outlet measurements
 - Local reboot for individual outlets
- Enhanced Features
 - BakPak Lite remote PDU management built-in
 - Integrates with BakPak network management and remote monitoring solution to reduce truck rolls
 - New Control4 driver and SDDP integration
 - Add PTH10 temperature sensor (sold separately) for temperature management
- Warranty
 - Two-year warranty



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Specifications

Model number	PowerPak 8I (PE-08I)
Input voltage/current	100-240VAC, 50-60 Hz, 10A
Output voltage/current	100-240VAC, 10A, 50-60 Hz, Load capacity: 2400W (total)
Inlet type	IEC60320 C14
Outlets/Type	IEC60320 C13, 8 individually controllable outlets
Circuit breaker	12A
Console port specs	Baud rate: 115200 8 data bits, no parity, 1 stop bit, no flow control
Filtration	30 dB at 100 kHz 53 dB at 1 MHz
Surge protection	Up to 6kV, surge board is UL1449 rated
Voltage protection rating (VPR)	800V
Peak impulse current	20,000A
Device management	BakPak Lite built-in
Environmental	
Operational temperature Storage temperature	32°F - 113°F (0°C - 45°C) -13°F - 140°F (-25°C - 60°C)
Humidity	10% to 90% RH, non-condensing
Miscellaneous	
Dimensions	17.15 × 11.48 × 1.75 in. (435.6 × 291.6 × 44.5 mm)
Weight Shipping weight	7.2 lbs. (3.27 kg) 10.95 lbs. (4.97 kg)
Display	OLED display Surge protection LED Outlet LED
SD card reader	To download logs to SD Card, card must be formatted to FAT32
Network protocols	ICMP, IP, TCP/UDP, DHCP, Telnet, DNS, SMTP, HTTP
Monitoring	Individual outlet monitoring and control Web-based monitoring via Pakedge BakPak Network Management System
Power cord length	6 ft. (1.8 m)

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USER GUIDE

