

System Engineering International PoweRack 96e



The PR96e is a premises powering unit that integrates NT1 caging, 48 volt DC power, and battery backup in a single unit for powering ISDN telephones and SEI or Lucent P230 circuit card NT1's. The PR96e will house and power up to 48 P230 NT1's and provide power for up to 96 phones in multipoint mode.

Distribution is provided through standard 50 pin amphenol connectors which eliminate the need to use punchdown blocks. All power lines to the terminals and NT1's are protected by solid state thermal fusing. An automatic test circuit monitors battery performance and provides an alarm indication when the internal battery pack needs to be replaced. Additional external battery packs can be added at any time for increased standby time. During extended periods of utility outage the batteries are protected from over-discharge by the built-in low voltage detector and disconnect circuit. Remote monitoring is provided by a contact closure that can be interfaced to a remote alarm unit. Remote monitoring for AC power and battery performance is provided by a NC and NO contact closure that can be interfaced to a remote alarm unit.



All PR series units are mountable either on a wall or on 19" racks. Mounting brackets for 23" or 25" racks may be ordered as options (specify 23RM or 25RM after the model number).



When NT1s are purchased with a PoweRack 96e, SEI will install and individually test each NT1, providing the customer with a fully configured solution suitable for immediate installation.

Ordering Information

Model #	Description	Dimensions (W" x D" x H")
PR96e-8	PoweRack and 1 hour battery for 48 P230 NT1's and 96 Phones	19 x 8 x 19
PR96e-16	PoweRack and 2 hour battery for 48 P230 NT1's and 96 Phones	19 x 8 x 26
PR96e-24	PoweRack and 4 hour battery for 48 P230 NT1's and 96 Phones	CALL
PR96e-43	PoweRack and 8 hour battery for 48 P230 NT1's and 96 Phones	CALL

Technical Specifications

Electrical	Environmental
Input Voltage: 120VAC +10%/-15% (240 VAC Factory Option)	Temperature: -4°F to +104°F (-20 °C to +40 °C) Humidity : 0 to 95% non-condensing Thermal: 350 BTU/hr max
Output Voltage: 42 Vdc to 56 Vdc	(Optimum battery life will be achieved if the unit is operated at a temperature of 25°C.)
NT1 Compatibility	Standards
P230	UL 60950

To Order Contact ISDN Sales at 1-800-765-4734
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