

# System Engineering International PoweRack 180



The PR180 is a premises powering unit that integrates NT1 caging, dual 48 volt DC power supplies, and battery backup in a single unit for powering ISDN telephones and Lucent D-300 circuit card NT1's. The PR180 will house and power up to seven D-300 circuit cards and provide power for up to 180 phones in a multipoint mode. Connections from the service provider are done with standard 25 pair amphenol connectors. Distribution to the terminals is accomplished via standard 8-pin modular connectors. All power to the terminals and NT1s are protected by solid state thermal fusing. System operation is maintained after loss of commercial power by the companion BP180 battery packs, which slide on to the PR180 and fasten to the wall or rack. During extended periods of utility outage the batteries are protected from over-discharge by the built-in low voltage detector and disconnect circuit. The PR180 comes with an integrated battery test feature; remote monitoring is provided by a 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, 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")
PR180-8	PoweRack and 1/2 hour battery for 7 D300 NT1's and 180 phones	19 x 9 x 28
PR180-24	PoweRack and 2 hour battery for 7 D300 NT1's and 180 phones	CALL

## Technical Specifications

Electrical	Environmental
Input Voltage: 120 VAC +10%/-15% (240 VAC Factory Option) Output Voltage: 42-56 VDC	Temperature: -20 °C to +40 °C Humidity: 95% non-condensing  Optimum battery life will be achieved if the unit is operated at a temperature of 25 °C.
NT1 Compatibility	Standards
D-300, P-230	UL 1012, CSA 234

**To Order Contact ISDN Sales at 1-800-765-4734**  
 Visit us on the web at [www.seipower.com](http://www.seipower.com)