

System Engineering International PoweRack 300e



The PR300e integrates NT1 caging, 48 volt DC power, and battery backup in a single unit for powering ISDN telephones and SEI B300 NT1's. The PR300e is available in a number of models that house and power up to 48 NT1's, while powering up to 96 phones in a multipoint mode. The PoweRack 300e can be either wall or rack mounted. The small footprint and simple installation of the PR300e allows a cost-effective installation without the need for punchdown blocks. During extended periods of utility outage the batteries are protected from over-discharge by the built-in low voltage disconnect circuit. An automatic test circuit monitors battery performance and provides an alarm indication when the internal battery packs needs to be replaced. Remote monitoring is provided via a relay contact closures or SNMP with the optional Power Management Package (PM).



The PR 300e provides for output distribution either via an integrated S/T patch panel or standard 50-pin Amphenol connectors. NT1 capacity for the PR300e-24 and PR300e-72 models can be increased in the field by adding a 300R-U NT1 cage. Battery backup can be extended for all models by adding external BP-8U battery packs.

All PR series units are mountable either on a wall or on 19" racks.



When NT1s are purchased with a PoweRack 300e, 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")
PR300e-12-2.5	PoweRack and 4 hour battery for 6 B300 NT1's and 12 Phones	19 x 6 x 12
PR300e-24-2.5	PoweRack and 2 hour battery for 12 B300 NT1's and 24 Phones	19 x 6 x 12
PR300e-24-10.5	PoweRack and 8 hour battery for 12 B300 NT1's and 24 Phones	19 x 6 x 18
PR300e-48-2.5	PoweRack and 1 hour battery for 24 B300 NT1's and 48 Phones	19 x 6 x 17
PR300e-48-10.5	PoweRack and 4 hour battery for 24 B300 NT1's and 48 Phones	19 x 6 x 23
PR300e-48-18.5	PoweRack and 8 hour battery for 24 B300 NT1's and 48 Phones	19 x 6 x 29
PR300e-72-8	PoweRack and 2 hour battery for 36 B300 NT1's and 72 Phones	19 x 6 x 30
PR300e-72-16	PoweRack and 4 hour battery for 36 B300 NT1's and 72 Phones	19 x 6 x 36
PR300e-72-33	PoweRack and 8 hour battery cabinet for 36 B300 NT1's and 72 Phones	CALL
PR300e-96-8	PoweRack and 1 hour battery for 48 B300 NT1's and 96 Phones	19 x 6 x 35
PR300e-96-16	PoweRack and 2 hour battery for 48 B300 NT1's and 96 Phones	19 x 6 x 41
PR300e-96-24	PoweRack and 4 hour battery for 48 B300 NT1's and 96 Phones	19 x 6 x 47
PR300e-96-43	PoweRack and 8 hour battery cabinet for 48 B300 NT1's and 96 Phones	CALL

Technical Specifications

Electrical	Environmental
Input Voltage: 120VAC +10%/-15% (240 VAC Factory Option) Output Voltage: 42 Vdc to 56 Vdc	Temperature: -4°F to +104°F (-20 °C to +40 °C) Humidity : 0 to 95% non-condensing Thermal: PR300e-12, 210 BTU/hr max PR300e-24, 230 BTU/hr max PR300e-48, 270 BTU/hr max PR300e-72, 310 BTU/hr max PR300e-96, 350 BTU/hr max (Optimum battery life will be achieved if the unit is operated at a temperature of 25°C.)
NT1 Compatibility	Standards
B-300	UL 60950

To Order Contact ISDN Sales at 1-800-765-4734
 Visit us on the web at www.seipower.com