

# System Engineering International DP240e



The DP240e is a bulk powering system that provides the necessary 48 volt DC current to power 48 NT1's and 96 multipoint ISDN phones. Integrated battery backup provides the user up to 8 hours of uninterruptible power to insure continuous phone service in the event of local power outages. Output distribution is provided by an application specific distribution module on the side of the unit (50-pin Amphenol and 6-pin modular connectors are standard) which incorporates over-current protection via thermal fusing. During normal operation the telecommunication grade rectifier/charger provides power to the load while maintaining the batteries in a fully charged state. 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 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 DP 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).

## Ordering Information

Model #	Description	Dimensions (W" x D" x H")
DP240e-48-0	Power supply without battery for 48 NT1's and 96 phones	19 x 5 x 7
DP240e-48-8	Power supply with 1 hour battery for 48 NT1's and 96 phones	19 x 5 x 14
DP240e-48-16	Power supply with 2 hour battery for 48 NT1's and 96 phones	19 x 5 x 21
DP240e-48-24	Power supply with 4 hour battery for 48 NT1's and 96 phones	19 x 5 x 35
DP240e-48-43	Power supply with 8 hour battery for 48 NT1's and 96 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: 0% to 95% non-condensing Thermal: 190 BTU/hr max  Optimum battery life will be achieved if the unit is operated at a temperature of 25 °C.
Standards	
UL 60950	

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