

System Engineering International DP240i



The DP240i bulk powering system 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 is provided via a relay contact closure (included) or SNMP with the optional Power Management Package (PMP).

The DP240i is now packaged in a 10 inch high chassis and can be mounted either on a wall or on 19" racks.

Ordering Information

Model #	Description	Dimensions (W" x D" x H")
DP240i-48-0	Power supply only for 48 NT1's and 96 phones (no battery)	19 x 5 x 7
DP240i-48-8	Power supply with 1 hour battery for 48 NT1's and 96 phones	19 x 5 x 10

Additional Battery Options

BP-8i	8Ah battery pack for use with 1145 and SEI ISDN Power Products, includes event notification.	19 x 5 x 6.25
Bat-Cab	Battery Cabinet with batteries from 25Ah to 200Ah capacity	CALL

Technical Specifications

Electrical	Environmental
Input Voltage: 85-264 VAC, 43-64HZ Output Voltage: 54-55Vdc when on AC 42-48Vdc when on battery	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	
Designed to comply with UL 60950 and with FCC Part 15, Class A	

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