System Engineering International
DP700i

The DP700i is a bulk powering system that provides the necessary 48 volt DC current to power up to 144 NT1's and 288 multipoint ISDN phones along with battery backup. 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).

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

Ordering Information

Model #	Description				Dimensions (W" x D" x H")
	# of Amphenol Connections	NT1's	Multipoint Phones	Battery	
DP700i-96-0	4	96	192	None	19 x 5 x 19
DP700i-96-8	4	96	192	1 hour	19 x 5 x 19
DP700i-144-0	6	144	288	None	19 x 5 x 19
DP700i-144-8	6	144	288	1/2 hour	19 x 5 x 19

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	Standards
Input Voltage: 85-264 VAC, 43-64HZ Output Voltage: 54-55Vdc when on AC 42-48Vdc when on battery	Temperature: -4°F to +104°F (-20 °C to +40 °C) Humidity : 0 to 95% non-condensing Thermal: DP700i-96 380 BTU/hr max DP700i-144 570 BTU/hr Max Optimum battery life will be achieved if the unit is operated at a temperature of 25 °C.	Designed to comply with UL 60950 and with FCC Part 15, Class A

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

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