

# System Engineering International

## DP700e



The DP700e 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 or SNMP with the optional Power Management Package (PM).

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

### Ordering Information

Model #	Description			Dimensions (W" x D" x H")
	NT1's	Multipoint Phones	Battery	
DP700e-72-0	72	144	None	19 x 5 x 20
DP700e-72-8	72	144	1 hour	19 x 5 x 20
DP700e-72-16	72	144	2 hours	19 x 5 x 27
DP700e-72-33	72	144	4 hours (battery cabinet)	CALL
DP700e-72-73	72	144	8 hours (battery cabinet)	CALL
DP700e-96-0	96	192	None	19 x 5 x 20
DP700e-96-8	96	192	1 hour	19 x 5 x 27
DP700e-96-24	96	192	2 hours	CALL
DP700e-96-43	96	192	4 hours (battery cabinet)	CALL
DP700e-96-98	96	192	8 hours (battery cabinet)	CALL
DP700e-120-0	120	240	None	19 x 5 x 20
DP700e-120-16	120	240	1 hour	19 x 5 x 27
DP700e-120-24	120	240	2 hours	CALL
DP700e-120-73	120	240	4 hours (battery cabinet)	CALL
DP700e-120-138	120	240	8 hours (battery cabinet)	CALL
DP700e-144-0	144	288	None	19 x 5 x 20
DP700e-144-8	144	288	1/2 hour	19 x 5 x 27
DP700e-144-33	144	288	2 hours (battery cabinet)	CALL
DP700e-144-73	144	288	4 hours (battery cabinet)	CALL
DP700e-144-138	144	288	8 hours (battery cabinet)	CALL

### Technical Specifications

Electrical	Environmental	Standards
Input Voltage: 120 VAC +10%/-15% (240 VAC Factory Option) Output Voltage: 42-56 VDC	Temperature: -4°F to +104°F (-20 °C to +40 °C) Humidity : 0 to 95% non-condensing Thermal: DP700e-72 & -96 380 BTU/hr max DP700e-120 & -144 570 BTU/hr Max  Optimum battery life will be achieved if the unit is operated at a temperature of 25 °C.	UL 60950

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