

# System Engineering International Stand Alone Power



The DP20B is a small battery backed desktop telecommunications power supply configured to provide a source of local power for up to three NT1's and six multipoint ISDN telephones. The unit supplies a nominal 48 VDC and is capable of supporting a twenty watt load while recharging a fully discharged battery. The built-in battery backup has been optimized to provide continuity of service up to four hours. Actual time will be dependent on equipment configuration and mode of operation. In order to provide a seamless interface with the network the DP20B is provided with three eight way telephone jacks on the rear panel. These jacks are configured in accordance with T1-601 to allow powering of both the NT1 and the terminal equipment either at the 'U' interface or the S/T interface.



The DP20B-E ("Extender" version) adds an RJ punchdown block and mounting plate that is pre-wired for multiple NT1's without the need for "U" adapters. In addition, the Extender acts as a splitter to allow a single four pair wire to be split into three separate lines from its distribution block. This feature can be used to provide fast frame video with three BRI lines. The Extender mounts on a wall or in a closet.

For stand alone applications not requiring battery backup, the 1215B will economically power one NT1 and two ISDN multipoint phones. The 1215B is a 120 VAC input, -48 VDC output, Class1 power supply which plugs directly into a standard AC outlet. An LED indicator provides positive confirmation that the unit is receiving power. The housing is a black, high impact plastic wall mount enclosure.



## Ordering Information

Model #	Description	Dimensions (W" x D" x H")
DP20B	Stand alone power supply and 8 hour battery for 1 NT1 and 2 phones	5.5 x 7.5 x 2
DP20B-E	Stand alone power supply and 2 hour battery for 3 NT1's and 6 phones	7 x 14 x 4
1215B	Stand alone power supply with no battery for 1 NT1 and 2 phones	5.5 x 7.5 x 2

## Technical Specifications (DP20B/DP20B-E)

Electrical	Environmental	Standards
Input Voltage 85-132 VAC Frequency 45-440 Hz Output Voltage 48VDC (+/- 5%)	Temperature -20 deg C to +40 deg C Humidity 95% non-condensing  Optimum battery life will be achieved if the unit is operated at a temperature of 25 deg C.	UL 1778

## Technical Specifications (1215B)

Electrical	Environmental	Standards
Input Voltage: 90-150 VAC Input Current: 0.75 A Max Output Voltage: -48VDC (+/- 1.5%) Output Current: 0-625 mA	Temperature 0 deg C to +50 deg C Humidity 95% non-condensing	USL CNL (UL mark and CUL mark) FCC Part 15 Class B

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