

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, up to twenty watts, and can simultaneously recharge a fully discharged battery. The built-in battery backup has been optimized to provide continuity of service up to four hours. 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.



DP20B

DP20B-E

The DP20B-E ("Extender" version) adds a distribution module and a mounting plate that is pre-configured for multiple NT1's without the need for "U" adapters. The DP20B-E also supports fast frame video with 3 BRI lines. The DP20B-E can be operated on the desktop or mounted on a wall.



B300 NT1 MOUNTING PLATE

The B300 NT1 MP is the optional mounting plate that provides an easy-to-install location for holding up to 3 B300 NT1s. It holds the NT1s securely and can be mounted on a wall, rack, or sit on a desktop.

For stand-alone applications not requiring battery backup, the 1215B will economically power one NT1 and two ISDN multipoint phones that 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.



1215

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 |
| B300 NT1 MP | Mounting Plate for up to 3 B300 NT1s | 9 x 5.5 x 1.2 |
| 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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