



206L

POWER SUPPLY UNIT FOR CALTRANS CABINETS

The Model 206L uses modern switching technology to replace the energy wasteful ferro-resonant technology of the Model 206.

FEATURES

- 5 Amp Maximum Load Current
- Full Output Regulation +/- 2% over line and load
- Display Indicators
- Power Factor Corrected

HIGHLIGHTS

- Caltrans QPL, TEES 2009 Compliant
- High Efficiency
- Plug-in replacement for Caltrans Model 206
- Output Protection



CALTRANS CABINET COMPATIBLE

Basic Functions

The EDI Model 206L is plug-in compatible with the Caltrans PDA #2 and PDA #3 found in 332 and 336 type cabinets using a Model 206 cabinet power supply. The Model 206L provides a regulated 24 Vdc at 5 Amps over the full -34oC to +74oC (-30oF to 165oF) operating temperature range.

Display Indicators

Separate green LED indicators are provided to display AC input status, 24VDC output status and associated fuse integrity.

Input Voltage Operating Range

80 VAC to 270 VAC at 60 or 50 Hz.

Power Factor Corrected

A Power Factor Correction circuit ensures a full load power factor of 0.98 or better, reducing peak AC Line input current and associated stress on wiring. Inrush current limited.

Output Protection

The output is fused for over-current protection. The output is also protected against voltage transients by a 1500 Watt suppressor.

Dimensions

6.0 inches High x 5.5 inches Wide x 7.5 inches Deep excluding handle.



Connector Input / Output Pins

Intermates with Beau S-5406 or equivalent.

Pin	Function
7	+24VDC Output
8	DC Ground
9	Equipment Ground
10	No Connect
11	AC Neutral
12	AC Line +

High Efficiency

With a 2.5 Amp load the Model 206L will save an agency over 267 kWh of energy per year, resulting in a typical savings of \$27 per cabinet annually (@ \$0.10/kWh cost), when compared to a Caltrans Model 206.

Load	Model 206	Model 206L
1 Amp	43%	75%
2.5 Amp	60%	84%
5 Amp	69%	86%

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