



216EP Series

POWER SUPPLY UNIT FOR ITS CABINETS

The Model 216EP Series uses modern switching technology to replace the energy wasteful ferro-resonant technology of the Model 216.

FEATURES

- 5 Amp Maximum Load Current for each 24Vdc or 12Vdc output
- Full Output Regulation +/- 2% over line and load
- Power Factor Corrected

HIGHLIGHTS

- Display Indicators
- Output Protection
- High Efficiency



ITS CABINET COMPATIBLE

Basic Functions

The EDI Model 216EP Series is a 19" rack mounted power supply for the ITS Cabinet. The 2U height unit is intended to be mounted in the rear of the cabinet rack in order to save important front rack space. The Model 216EP-2412 provides a regulated 24 VDC at 5 Amps and an independent and isolated 12 VDC at 5 Amps over the full -34°C to +74°C (-30°F to 165°F) operating temperature range.

Display Indicators

Separate green LED indicators display AC input status, DC 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 outputs are fused for over-current protection. The outputs are also protected against voltage transients by a 1500 Watt suppressor.



Connector Output Pins

DC Connector intermates with Beau S-5404 or equivalent.

Model 216EP-24

Pin	Function
13	+24VDC
14	+24VDC
15	DC Ground
16	DC Ground

Model 216EP-2412

Pin	Function
13	+12VDC
14	+24VDC
15	+12VDC Ground
16	+24VDC Ground

Dimensions

3.5 inches High (2U) x 19.0 inches Wide x 7.25 inches Deep

High Efficiency

With a 2.5 Amp load the Model 216EP-24 can 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 ferro-resonant Model 216.

Load	Model 216	Model 216EP
1 Amp	43%	75%
2.5 Amp	60%	84%
5 Amp	69%	86%

Model Options

Model	Output 1	Output 2
Model 216EP-2412	24VDC 5 Amp	12VDC 5 Amp
Model 216EP-24	24VDC 5 Amp	

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