



INTRODUCING THE POWER SAVING HIGH EFFICIENCY MODEL 216EP ITS CABINET POWER SUPPLY WITH POWER FACTOR CORRECTION (PFC) TECHNOLOGY



(Phoenix, AZ, USA) – Eberle Design, Inc. (EDI) has gone “**GREEN**” and is launching a new High Efficiency Cabinet Power Supply, **Model 216EP**, which is a plug-in upgrade for the inefficient Model 216 Ferro-resonant cabinet power supply found in the ITS Cabinet. The unit is supplied in two configurations:

- ❑ The Model 216EP-2412 provides dual independent and isolated outputs rated for 24Vdc @ 5 Amps, and 12 Vdc @ 5 Amps.
- ❑ The Model 216EP-24 provides only a single output rated for 24Vdc @ 5 Amps.

The EDI **Model 216EP** power supply provides a 5 Amp maximum load current per output over the full operating temperature range of -34C to +74C with no derating necessary. It also utilizes the latest switching technologies including Power Factor Correction (PFC). The 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 cabinet wiring.

As an example of the **Model 216EP-24** High Efficiency design; with a 50% load the **Model 216EP-24** will save an agency over 267 kWh of energy per year, resulting in a typical **SAVINGS of \$27.00** per cabinet annually (at \$0.10/kWh cost), when compared to the conventional Model 216. This savings multiplied by the total number of intersections within an agency jurisdiction will save thousands of budgeted dollars annually.

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

Using the **Model 216EP-2412** can add additional savings by operating the detector racks at 12Vdc. This can save up to an additional \$1 per detector card per year in energy savings (Model 222 detectors and \$0.10/kWh energy cost).

About EBERLE DESIGN, INC.

An ISO 9001:2000 Registered Company – Celebrating 28 Years of Excellence!

EDI is recognized as a worldwide manufacturer of reliable high-performance component products designed to enhance and augment traffic control systems. The EDI array of products including signal monitors, vehicle detectors, power supplies, flashers, load switches, and other vital infrastructure devices enables transportation professionals to integrate, automate, and manage traffic highways and intersections easily, efficiently and safely. EDI is a proud member of ITSAs, NEMA, ITE, IMSA, IPI, IDA, and AFA industry organizations.

To learn how the EDI **Model 216EP** cabinet power supply will save your agency valuable dollars, please call us at +1-480-968-6407 or view our website at www.EDIttraffic.com.