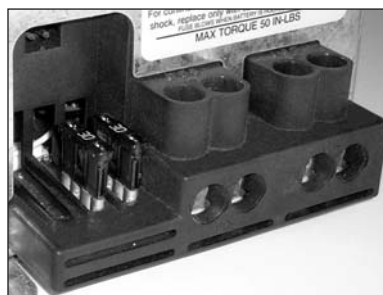


Inteli-Power™

A rugged source of well regulated power for pipe organs



60 Amp model shown.

After a long search for the ideal “switcher” type power supply for pipe organ use, Peterson has now partnered with a reputable, longstanding innovator in the power converter field to bring you the high quality, reasonably priced “Inteli-Power” product line. We have selected this line of power supplies for its excellent performance, rugged durability, and near-perfect match to the requirements and demands of modern pipe organ use.

Inteli-Power supplies are available from Peterson in 40, 60, and 80 Amp models. Each produces an extremely well-regulated 14.4 Volt output. Electronic current limiting automatically reduces the output voltage after maximum power capacity is reached. Unlike some competitive products, the output does not shut down abruptly when the current rating is exceeded. High voltage protection circuitry shields the power supply from spikes or surges over 135 Volts, and low line voltage protection shuts the converter down temporarily should the input voltage be insufficient for proper operation.

A thermal shutdown circuit turns off the power supply when its internal temperature exceeds 150 degrees F, protecting itself from damage due to excessive heat. Our testing has shown that the super-quiet cooling fan will only rarely come on during normal operation of an organ.

Convenient, heavy duty recessed-screw terminals for Positive and Negative outputs are provided as are permanent, “organ appropriate” mounting provisions. A three foot line cord can plug into a Peterson Console AC Control System* or Single Outlet Control Box for conveniently switching the power supply on and off. An external chassis grounding terminal is provided,

but DC outputs are NOT internally connected to chassis ground.

Outputs can be combined in parallel to increase the total current available or in series to increase the voltage. Easily replaceable “blade type” fuses are provided for backward polarity protection. Unlike many other power supplies we tested, the Inteli-Power models will power-up properly under load — an important factor in many pipe organ applications.

Inteli-Power supplies are economically priced and usually available for immediate shipment from Peterson. A two year limited warranty is backed by Peterson and by the power supply manufacturer, a firm that has built over one million power converters for the Marine, RV, and Medical industries since 1964.

Specifications

40 Amp Model #407210-40

Input: 105-130 VAC, 50/60 Hz, 600 W
Output: 13.6 VDC, 40 Amps or 14.4 VDC, 37.8 Amps
Size: 4.5”H X 8.625”L X 7.25” W
Weight: 4.5 lbs.

60 Amp Model #407210-60

Input: 105-130 VAC, 50/60 Hz, 1000 W
Output: 13.6 VDC, 60 Amps or 14.4 VDC, 57 Amps
Size: 3.6”H X 8”L X 9” W
Weight: 5.8 lbs.

80 Amp Model #407210-80

Input: 105-130 VAC, 50/60 Hz, 1300 W
20 Amp Circuit required
Output: 13.6 VDC, 80 Amps or 14.4 VDC, 75.5 Amps
Size: 3.6”H X 11.5”L X 9” W
Weight: 7.5 lbs.

*80 Amp power supply must be plugged into a 20 Amp 117 VAC circuit and is compatible with Peterson’s 20A Single Outlet Control Box but not the Console AC Control System.