

## Full “Brick” AC-DC Power Modules

Lambda has a new solution for AC input applications that operate in high ambient temperatures. The PFE series is an innovative “brick” style AC-DC power supply that contains both power factored correction circuitry and an isolated, regulated DC-DC converter all in one package. Previous more expensive solutions used two bricks that also required larger PWB area.

With an operating base-plate of up to 100°C, the PFE power modules delivers between 400 and 700W of output power in a compact 2.4 x 4.6 x 0.5” package. The fully regulated PFE500 series is available in 12V, 28V or 48V. The PFE700 48V module is semi-regulated and is ideal for driving industry standard 48V input DC-DC converters for multiple output solutions.

All modules are safety certified and feature an input to output isolation voltage of 3,000VAC.

Applications for the PFE series include outdoor electronics, custom power supplies or sealed box systems that have conduction cooling available - utilizing the module’s insulated metal substrate.

Contact your local salesperson for a sample or evaluation kit.