

Customized Flame Retardant Process for AC to DC Power Supply

With almost 50 years of experience and over 2,000 custom designed power products, you can depend on our engineering and manufacturing expertise for your specific application requirements.

For over 40 years we have been designing and manufacturing COTS and custom Military-Grade AC-DC power supply solutions for air, ground and naval applications. We offer a wide variety of units ...

A detailed analysis of thermoplastic materials with flame-retardant characteristics as well as the UL 94 classification.

PolyPro FR[®] is a flame-retardant insulation for battery cells and modules that provides dielectric protection in custom shapes without losing form in elevated temperature or cell expansion.

We offer flame retardant compounds across our complete portfolio of 60+ resin systems. FR technologies include halogen-free and brominated chemistries, with RoHS or other environmental ...

The adapter supports multiple interchangeable DC connectors, including Type-C and common barrel sizes (5.5 \times 2.5, 5.5 \times 2.1, 4.0 \times 1.7, 3.5 \times 1.35, 2.5 \times 0.7), making it compatible with various equipment ...

Looking for the right AC-DC power supply manufacturer? Learn how OEMs can find trusted partners for custom power supply solutions.

Beginning with a classification of traditional halogenated and non-halogenated flame retardants (FRs), this article progresses to cover nitrogen-, phosphorus-, and hybrid-based systems. ...

AC-DC Power supplies from XP Power are designed for high efficiency thus minimizing thermal losses. Meticulous design using quality components aided by extensive testing and certification, results in ...

The leading provider of custom AC to DC Power Supplies since 1956. Proudly serving the Military, Nuclear, and High-Reliability Power Conversion market.

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