78W External AC-DC Power Adapter with High Efficiency Design

Emerson Network Power launched a high efficiency 78W model power adapter. The AD80 features a universal 90V to 264V AC input, enabling it to be used anywhere in the world. It produces a single, fully regulated 24V output capable of providing up to 3.25A continuously. AD80 freestanding AC/DC power adapters are suited for a variety of portable and desktop applications, including instrumentation, test and measurement systems, telecommunications and computer peripherals. Its high efficiency switch-mode design that complies with the One Watt Input Energy Star/Blue Angel requirement; it has a typical efficiency of 84 percent. The adapter is equipped with a three-pin (type C14) IEC320 ac input receptacle, and features an internal, user accessible, AC input fuse. The DC output is provided via a cable fitted with a standard 2.5 mm I.D, 5.5 mm O.D. barrel plug. AD80 power adapters have a full load ambient operating temperature range of 0°C to +40°C without de-rating. The adapters are comprehensively protected against overvoltage, overcurrent and overpower conditions, with automatic recovery, and have a high demonstrated MTBF of more than 300,000 hours at full load and 25°C ambient. They are equipped with an internal EMI filter and comply with the rigorous EN55022-B and FCC part 15 Level B EMC standards for conducted noise, as well as meeting all applicable immunity standards, including EN61000-4-2, -3, and -4 levels 4. The power adapters also carry a comprehensive set of safety approvals, including UL/CSA/NEMKO 60950-1. Pricing starts at US$45 in OEM quantities.

Emerson Network Power
888-412-7832, www.powerconversion.com [1]

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