

High-Performance Power Adapter with Electrolytic Capacitors

This power adapter is engineered for efficient power conversion and stable output. It incorporates robust electrolytic capacitors, toroidal inductors and a high-frequency transformer.



Overview

High-Performance Power Conversion

This high-performance power adapter is engineered for efficient power conversion and stable output across various electronic applications. Featuring robust electrolytic capacitors and a high-frequency transformer, it ensures reliable performance and durability. The design incorporates advanced components like bridge rectifiers and wound toroidal inductors to maintain consistent power delivery.

Technical Specifications

Capacitor Rating

120 uF

Capacitance

450 V

Voltage

Design Features

- Robust PCB mounting
- Efficient power conversion architecture
- Stable output design

Inductor Specifications

ER42-0.5mH

Key Components

Electrolytic Capacitors, Toroidal Inductors, High-Frequency Transformer, Bridge Rectifiers, Discrete Semiconductors