

12 V / 8 A AC-DC Switching Power Module

High-power open-frame supply board with regulated 12 V output



Product Overview

A compact power-electronics module documented from the supplied archived product page. The specifications below separate confirmed ratings from operating guidance and identify the exact module variant where the source page contains multiple options.

Electrical and Mechanical Specifications

Parameter	Value
Converter type	AC-DC switching power supply
DC output	12 VDC regulated
Maximum output current	8 A
Maximum output power	96 W
Construction	Open-frame PCB module
Cooling	Dual aluminum heatsinks
Connections	AC input and DC output terminal blocks

Key Features

- Regulated 12 V output
- 8 A output class
- Dual-heatsink power stage
- Compact open-frame design

Operating Notes

- DANGER: exposed mains voltage is present on the open PCB.
- The saved title does not reliably expose the complete AC input range.
- Install in an insulated enclosure with fuse, clearance, strain relief and ventilation.

Application and Connection Guide

APPLICATION & CONNECTION

AC MAINS INPUT

Specified AC range



12 V DC LOAD

Up to 8 A

Verify polarity and configure voltage/current before connecting the load.

Connection Sequence

1. Confirm the input source is within the stated range. 2. Verify input and output polarity. 3. Configure voltage and current limits with the load disconnected. 4. Connect the load or battery. 5. Monitor temperature during initial operation.

KEY PRODUCT ADVANTAGES



- 1 **Regulated 12 V output**
- 2 **8 A output class**
- 3 **Dual-heatsink power stage**
- 4 **Compact open-frame design**