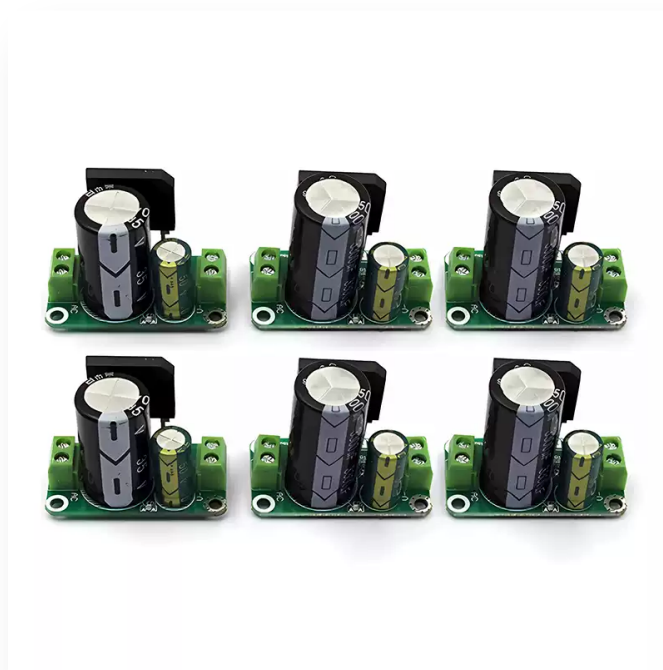


8 A / 10 A Rectifier and Filter Power Board

Unregulated single-rail supply module for amplifier and equipment power



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
Function	AC rectification and DC smoothing
Output regulation	Unregulated
Current variants	8 A and 10 A
Capacitor variants	3300 uF / 50 V and 4700 uF / 35 V shown
Rectifier	High-current bridge rectifier
Output	Single DC supply rail
Connections	Screw terminals / PCB terminals depending variant
Protection	Board variants include protection components shown on saved page

Key Features

- 8 A and 10 A variants
- High-capacitance ripple filtering
- Compact single-rail design
- Suitable for amplifier power supplies

Operating Notes

- This board does not regulate output voltage; DC output follows transformer voltage and load.
- Do not connect directly to AC mains.
- Select capacitor voltage and current variant with adequate margin.

Application and Connection Guide

APPLICATION & CONNECTION

LOW-VOLTAGE AC INPUT

Transformer secondary



DC AMPLIFIER / LOAD

Unregulated output

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 **8 A and 10 A variants**
- 2 **High-capacitance ripple filtering**
- 3 **Compact single-rail design**
- 4 **Suitable for amplifier power supplies**