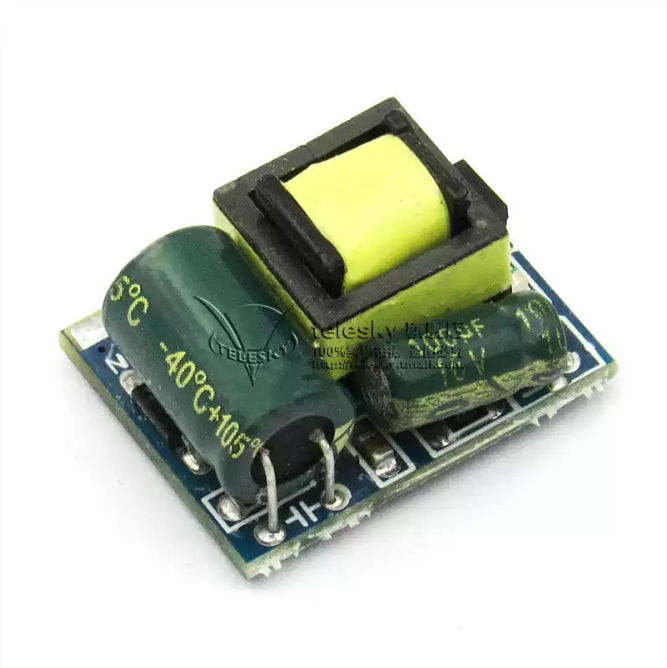
3 W Isolated 220 VAC to 12 VDC Power Module

Compact AC-DC switching supply with 12 V / 300 mA 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	Isolated AC-DC switching power supply
Nominal input	220 VAC
DC output	12 VDC
Maximum output current	300 mA
Rated output power	3 W
Construction	Open-frame PCB module
Isolation	Transformer-isolated conversion

Key Features

- 220 VAC to 12 VDC conversion
- 300 mA rated output
- Compact 3 W module
- Isolated switching topology

Operating Notes

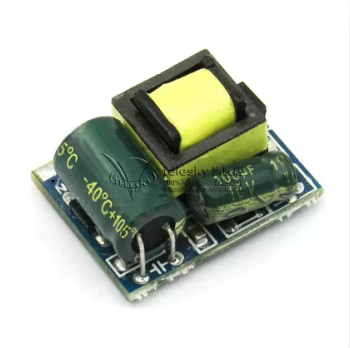
- DANGER: exposed mains voltage is present on the open PCB.
- Install only in an insulated enclosure with appropriate fuse, clearance and strain relief.
- Do not parallel outputs unless the system is specifically engineered for current sharing.

Application and Connection Guide

APPLICATION & CONNECTION

AC MAINS INPUT

220 VAC nominal



LOW-POWER DC LOAD

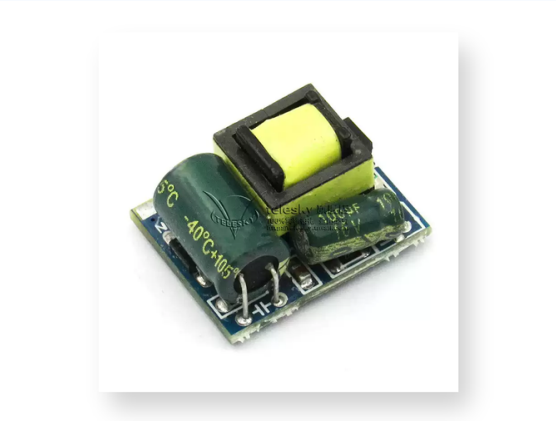
12 V / 300 mA

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. **220 VAC to 12 VDC conversion**
2. **300 mA rated output**
3. **Compact 3 W module**
4. **Isolated switching topology**