

# **Ruijie RG-PA150I-F Power Module Datasheet V1.0**

Ruijie Networks Co., Ltd.

All rights reserved.

# Contents

Ruijie RG-PA150I-F Power Module.....	1
1. Product Overview.....	1
2. Product Appearance.....	1
3. Product Specifications.....	1
Technical Specifications.....	1
LED.....	2
4. Product Feature.....	2
5. Ordering Information.....	2
6. Warranty.....	3
7. More Information.....	3

# 1. Product Overview

RG-PA150I-F is an AC module (AC/HVDC input and DC output) providing an output voltage of 12 V and an output power of up to 150 W.

# 2. Product Appearance



Figure 1 RG-PA150I-F

# 3. Product Specifications

## Technical Specifications

<b>Power Model</b>	RG-PA150I-F
<b>Rated Voltage</b>	AC input: 100 V AC to 240 V AC; 50/60 Hz HVDC input: 240 V DC
<b>Maximum Voltage</b>	AC input: 90 V AC to 264 V AC; 47/63 Hz HVDC input: 192 V DC to 288 V DC
<b>Input Current</b>	3 A max
<b>Output Voltage</b>	12 V
<b>Max Current Output</b>	12.5 A

<b>Max Power Output</b>	150 W
<b>Input Leakage Current</b>	≤ 3.5 mA
<b>Dimensions (L x W x H)</b>	196 mm x 50.5 mm x 40mm (7.72 in. x 1.99 in. x 1.57 in.)
<b>Weight</b>	0.55 kg (1.21 lbs.)
<b>Temperature</b>	Operating temperature: -10°C to 55°C (14°F to 131°F) Storage temperature: -40°C to 70°C (-40°F to 158°F)
<b>Humidity</b>	Operating humidity: 5% to 95% (non-condensing) Storage humidity: 5% to 95% (non-condensing)
<b>Operating Altitude</b>	0 m to 5,000 m (3.11 miles)

## LED

LED	Status	Meaning
Output Status LED	Off	There is no power output or output fault occurs.
LED	On	Power output is normal.

## 4. Product Feature

Feature	Description
Conformal Coating	Protects circuits against moisture, frog, mold, electrical shock and leakage, and so on.
Protection	Provides undervoltage protection, output overcurrent protection, output overvoltage protection and output short circuit protection.
I2C Communication	Allows the host to communicate with the power supply module by I2C.
Power Supply Redundancy	Supports dual power supply modules to cooperate in parallel, enabling PE with 1+1 redundancy and redundant power supplies with current sharing.
Hot Swapping	Supports to disconnect one redundant power supply module from the outside power supply system, plug and unplug power supply modules while the device is powered on.
Power Supply Alarm	When a power fault occurs, the output status LED turns off.

## 5. Ordering Information

Model	Description
RG-PA150I-F	150 W AC power supply module

## 6. Warranty

For more information about warranty terms and period, contact your local sales agency:

Warranty terms: <https://www.ruijienetworks.com/support/servicepolicy>

Warranty period: [https://www.ruijienetworks.com/support/service\\_41](https://www.ruijienetworks.com/support/service_41)

Note: The warranty terms are subject to the terms of different countries and distributors.

## 7. More Information

For more information about Ruijie Networks, visit the official Ruijie website or contact your local sales agency:

Ruijie Networks official website: <https://www.ruijienetworks.com/>

Online support: <https://www.ruijienetworks.com/support>

Hotline support: <https://www.ruijienetworks.com/support/hotline>

Email support: [service\\_rj@ruijienetworks.com](mailto:service_rj@ruijienetworks.com)