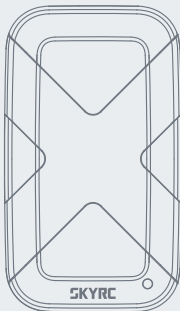


SKYRC

Instruction Manual

v. 17

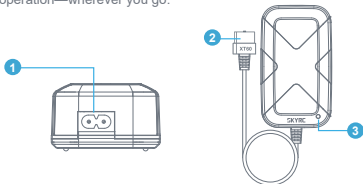


PSA100 100W AC/DC XT60
Output Power Supply

Overview

Thank you for choosing the PSA100 100W AC/DC XT60 Output Power Supply.

Delivering a 20V output with up to 5A (100W) of power, the PSA100 is built to meet the demands of high-performance devices. Its XT60 male connector, mounted on a flexible output cable, ensures secure, plug-and-play convenience. Built-in over-current and short-circuit protection provide safe, reliable operation—wherever you go.



- 1 AC Input 100-240V
- 2 XT60 Output
- 3 Status Indicator

Caution

The main plug/AC inlet is used as disconnect device, the socket-outlet should be easily accessible

What's Included



PDC100 GaN Charger*1pc



AC Power Cord*1pc



Instruction Manual *1pc

Specifications

Item	Option	Specification
Input Voltage		AC 100-240V 50/60Hz 2A
Standby Power		<0.21W
Output Power		DC 100W
Output Voltage		20V (Tolerance: $\pm 0.5V$)
Output Current		5A
Output Interface		XT60 Male Connector, Cable Length $\geq 30cm$
Conversion Efficiency		>88%
LED Indicator Status	Green	Solid Green: Normal
		OFF: No Power Input / Protection Triggered
Over-Current Protection		Automatically cuts off power when current exceeds 6A, and auto-restores when fault is cleared.
Short-Circuit Protection		Instantly shuts down output during short-circuit and auto-restores when fault is cleared.
Size		113.8x65.8x39.1mm
Weight		Around 280g

Specifications

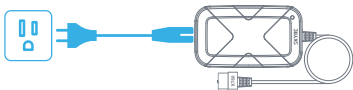
Item	Option	Specification
Working Environment	Temperature	0°C ~ 40°C
	Humidity	10%~80% RH, non-condensing.
Storage Environment	Temperature	-10°C ~ 50°C
	Humidity	20%~65% RH, non-condensing.

Operating Procedure

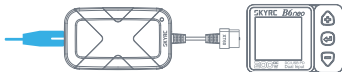
1. Insert the power cable into the AC input port of the adapter and ensure it is firmly secured.



2. Plug the other end of the power cable into an AC power outlet. The adapter's indicator LED will turn green, indicating normal operation.



3. Align the adapter's XT60 male output connector with the corresponding female port on your device, then insert and confirm a secure connection.



IMPORTANT SAFETY INSTRUCTIONS

Warning: To reduce the risk of fire or electric shock, carefully follow all the instructions. This manual contains important safety and operating instructions for this power supply. Before you use the power supply, read all the instructions and cautions markings in this manual of the power supply and the product that you will connect to the power supply to reduce the risk of injury:

- Do not use the power supply near water (for example, a bathtub, washbowl, kitchen sink, laundry tub, wet basement, or swimming pool).
- Do not place the power supply on an unstable cart, stand or table. If the power supply falls, it could injure a person or cause severe damage to the power supply.
- Do not overload power outlets or extension cords. An overload can result in fire or electric shock.
- Do not disassemble this unit; take it to a qualified service technician when service or repair is required. Improper reassembly may result in a risk of electric shock or fire.
- Do not use an attachment not recommended. This could result in a risk of fire, electric shock, or injury to persons.
- Never push any object into the slot in the power supply. It could touch dangerous voltage points or short-out parts resulting in a fire or electrical shock.

Conformity Declaration

PDC100 satisfies all relevant and mandatory CE directives and FCC Part 15 Subpart B.

Test Standard	Title	Results
EN-55032	Electromagnetic compatibility of multimedia equipment - Emission requirements	Conform
EN-55035	Electromagnetic compatibility of multimedia equipment - Immunity requirements	Conform
EN 61000-3-2	Electromagnetic compatibility (EMC) – Part 3-2: – Limits for harmonic current emissions (equipment input current up to and including 16 A per phase)	Conform
EN 61000-3-3	Electromagnetic compatibility (EMC) - Part 3-3: Limitation of voltage supply systems for equipment with rated current ≤ 16 A.	Conform
EN 62368-1	Audio/Video, information and communication technology equipment part 1: Safety requirement	Conform
FCC Part Subpart 15B	Title 47 Telecommunication PART 15 - RADIO FREQUENCY DEVICES Subpart B - Unintentional Radiators	Conform

Warranty and Service

Liability Exclusion

This Power Supply Adapter is designed and approved exclusively for the scenarios stated in this Instruction Manual. SkyRC accepts no liability of any kind if the Power Supply Adapter is used for any purpose other than that stated. We are unable to ensure that you follow the instructions supplied with the power supply adapter, and we have no control over the methods you employ for using, operating, and maintaining the device. For this reason, we are obliged to deny all liability for loss, damage, or costs that are incurred due to the incompetent or incorrect use and operation of our products, or which are connected with such operation in any way. Unless otherwise prescribed by law, our obligation to pay compensation, regardless of the legal argument employed, is limited to the invoice value of those SkyRC products which were immediately and directly involved in the event in which the damage occurred.

Warranty and Service

We guarantee this product to be free of manufacturing and assembly defects for a period of one year from the time of purchase. The warranty only applies to material or operational defects, which are present at the time of purchase. During that period, we will repair or replace free of service charge for products deemed defective due to those causes.

This warranty is not valid for any damage or subsequent damage arising as a result of misuse, modification, or as a result of failure to observe the procedures outlined in this manual.

Warranty and Service

Note:

1. The warranty service is valid in China only.
2. If you need warranty service overseas, please contact your dealer in the first instance, who is responsible for processing guarantee claims overseas. Due to high shipping costs, and complicated custom clearance procedures to send back to China, please understand that SkyRC can't provide warranty service to overseas end users directly.
3. If you have any questions which are not mentioned in the manual, please feel free to send an email to support@skyrc.com

The manual is subject to change without notice; please refer to our website for the latest version!

SKYRC

The manual is subject to change without notice;
please refer to our website for the latest version!

Manufactured by
SKYRC TECHNOLOGY CO., LTD.

Floors 4, 5, & 8, Building 4, Meitai Technology Park, Guanguang South Road,
Guanlan, Longhua District, Shenzhen 518110, China

© 2025.09
www.skyrc.com

7504-2004-02

