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Link to the product: https://www.skyrc.eu/skyrc-t120-pico-dual-channel-ac-charger-120w6a-2-4s-lipolifeliionlihv-p-799.html



SkyRC T120 Pico Dual-Channel AC Charger 120W/6A 2-4S LiPo/LiFe/LiIon/LiHV

Price	**54.76 Euro**
Availability	**Not available**
Shipping time	**24 hours**
Producer code	**SK-100236**
EAN	**6930460009692**
Manufacturer	**SkyRC**

Product description

SkyRC T120 Pico – Dual-Channel AC Charger 120W/6A 2-4S LiPo/LiFe/LiIon/LiHV

Compact Charger with Powerful Capabilities

SkyRC T120 Pico is a dual-channel AC charger combining compact dimensions of 90 × 70 × 106 mm with a total charging power of up to 120 W. It is ideal for workshop use and preparing RC models for driving or flying.

Two outputs allow you to charge two batteries simultaneously. Each channel delivers up to 60 W, making it convenient to handle two packs without needing two separate chargers.

Charging Current up to 6 A

Adjustable charging current of up to 6 A allows compatible battery packs to be prepared quickly. Select settings appropriate for the battery type and specifications.

Precise Cell Balancing

The charger monitors individual cell voltages during balance charging. A balancing current of up to 500 mA helps equalize cell voltages within the pack and maintain stable charging conditions.

Support for Multiple Battery Types

The T120 Pico supports 2–4S LiPo, LiHV, Li-ion and LiFe packs, 6–8-cell NiMH/NiCd batteries, and 3S and 6S Pb lead-acid batteries. Available modes depend on the selected battery chemistry.

Arm Cortex-M3 Processor

The built-in Arm Cortex-M3 processor controls the charging process and ensures stable operation. The electronics precisely monitor and regulate operating parameters.

Adjustable DC Power Supply

In addition to charging batteries, the device can operate as an adjustable DC power supply. The voltage range is 6–17 V, with current adjustable from 0.5 to 6 A. This function includes protection against short circuits and overloads, among other safeguards.

Discharging via the Balance Port

Using the main output together with the balance port enables discharging at up to 9 W. This function is useful for battery maintenance and preparing packs for storage.

Intelligent and Quiet Cooling

A temperature sensor automatically adjusts the fan speed to operating conditions. The system helps maintain a suitable temperature during charging and reduces noise at lower loads.

ColorX Color Interface

The clear, colorful ColorX interface, with icons and an easy-to-read menu, simplifies selecting operating modes and monitoring charging parameters.

Multilingual Menu

The device interface supports several languages, making setup and everyday operation easier. Language availability may depend on the firmware version.

Compact Design

With dimensions of 90 × 70 × 106 mm and a weight of approximately 355 g, the charger takes up little space on a workbench and is easy to transport.

Convenient Use in the Workshop and in the Field

This compact charger with two independent channels is a practical solution for users of RC cars, aircraft, and other RC equipment.

Package Includes:

1. SkyRC T120 Pico Charger
2. AC Power Cord
3. User Manual

Specifications:

Dimensions: 90 × 70 × 106 mm
Weight: 355 g
Power Supply: AC 100–240 V, 50/60 Hz
Charging Power: 2 × 60 W (up to 120 W total)
Charging Current: up to 6 A per channel
Balancing Current: max. 500 mA
Discharge Current in Storage Mode: max. 500 mA
Discharge Power Using the Balance Port: up to 9 W
DC Power Supply: 6–17 V, 0.5–6 A
LiPo / LiHV / Li-ion / LiFe: 2–4S

NiMH / NiCd: 6–8 cells
Pb: 3S / 6S
Operating Temperature: 0–40°C
Storage Temperature: −10–70°C