

UBEC PRO 5V / 3A

(2S-12S Input)



<https://www.yasateknoloji.com>

Key Features

- Wide Input Voltage Range: 2S–12S LiPo (7.4 V – 50 V)
- Stable 5 V output, up to 3 A
- Compact Dimensions: 25 × 20 × 7 mm
- Ultra Lightweight: 16 g with cables, only 6 g without cables
- Ideal power supply for cameras, Raspberry Pi, Jetson Nano, and similar devices

Product Description

The **UBEC Pro 5 V / 3 A (2S–12S)** module by YASA Technology converts an input voltage of 7.4 V – 50 V (2S–12S LiPo) into a stable 5 V output. With its compact size and low weight, it is designed for reliable power supply in flight systems, FPV camera setups, and single-board computers such as Raspberry Pi and Jetson Nano.

Feature	Value
Input Voltage Range	2–12S (7.4 V – 50 V)
Output Voltage	5 V
Maximum Output Current	3 A
Dimensions	25 × 20 × 7 mm
Weight (No Cable)	6 g
Weight (With Cable)	16 g
Cable Length	22 cm

Advantages

- **Wide Input Range:** Operates with 2S–12S LiPo batteries
- **High Current Capacity:** Continuous 3 A output for reliable device powering
- **Ultra-Lightweight & Compact:** Perfect for aerial systems
- **Broad Device Compatibility:** Suitable for camera systems, Raspberry Pi, Jetson Nano, and other low-voltage devices

Applications

- Drone and FPV camera systems
- Single-board computers (Raspberry Pi / Jetson Nano)
- Embedded systems and industrial applications
- Portable electronic projects
- Education, prototyping, and R&D

Mechanical & Weight Information

- Dimensions: 25 mm (L) × 20 mm (W) × 7 mm (H)
- Weight (No Cable): 6 g
- Weight (With Cable): 16 g
- Cable Length: ~22 cm

