

UBEC 5V / 3A (2S-6S Input)



<https://www.yasateknoloji.com>

Key Features

- Input voltage: 2S–6S LiPo (7.4 V – 24 V)
- Stable 5 V output, up to 3 A
- Compact form factor: 25 × 20 × 7 mm
- Lightweight and portable (15 g)
- Suitable for cameras, Raspberry Pi, Jetson Nano, and similar devices

Product Description

The **UBEC 5 V / 3 A (2S–6S)** module by YASA Technology reliably converts 7.4 V – 24 V input voltage into a stable 5 V output. Its compact design and high current capacity make it ideal for UAVs, FPV camera systems, single-board computers (Raspberry Pi, Jetson Nano), and similar applications.

Feature	Value
Input Voltage Range	2–6S (7.4 V – 24 V)
Output Voltage	5 V
Maximum Output Current	3 A
Dimensions	25 × 20 × 7 mm
Cable Length	22 cm
Weight	15 g

Advantages

- **High Current Capacity:** Delivers continuous 3 A output for reliable device power
- **Wide Input Range:** Compatible with 2S–6S LiPo batteries for versatile use
- **Compact & Lightweight:** Perfect for portable applications
- **Compatible with Multiple Devices:** Can be used with FPV cameras, Raspberry Pi, Jetson Nano, and other low-voltage electronics

Applications

- Drone FPV camera systems
- Raspberry Pi / Jetson Nano single-board computers
- Industrial automation and embedded systems
- Portable electronics projects
- Educational and R&D kits

Mechanical & Weight Information

- **Dimensions:** 25 mm (L) × 20 mm (W) × 7 mm (H)
- **Weight:** 15 g (without cables), ~... g with connection cable
- **Cable Length:** ~22 cm

