

Durable

Lightweight

Adjustable

**Applicable Models:
third-party drone**

C-XL100M keeps your UAV flying 24/7 with uninterrupted power, smart cable management, and real-time monitoring for safe, long-duration operations.

Applications



Long-Duration Inspections

Enables continuous UAV operations for power lines, pipelines, railways, and other infrastructure without frequent landings.



High-Altitude Monitoring

Real-time observation of urban construction, industrial sites, and forest fire areas.



Emergency Response

Provides sustained aerial monitoring and communication relay in disaster or rescue scenarios.



Aerial Filming & Media Production

Supports extended video and photography missions without frequent battery changes.

Specification

- Housing Material: Aluminum Alloy
- Dimensions (L x W x H): 480 x 360 x 280 ± 0.5 mm
- Weight: 18 kg
- Output Power: Rated 4000 W, Peak 5000 W
- Protection Rating: IPx4
- Operating Temperature: -20°C ~ 55°C
- Cable Length: Standard 160 m, Maximum Supported 220 m

Contact Us:

info@cici-tech.com

Endurance

Quick-Release

Stability

C-XL100M Tethered power supply system



This system provides continuous power to UAVs for extended 24-hour operations. Equipped with a generator, it monitors voltage and power in real time, automatically manages cable release during ascent, and retracts the cable upon landing—ensuring safe and uninterrupted flight.

Key Features:

- **Continuous Power Supply:** Rated 4000 W, peak 5000 W for long-duration UAV operations.
- **Automatic Cable Management:** Auto release during ascent, auto retract on landing.
- **Smart Monitoring:** Real-time display of voltage, current, power, and UAV status on a 4.0-inch touchscreen.
- **Multiple Communication Modes:** Supports wired (serial), Bluetooth, Wi-Fi, and multiple UAV protocols.
- **Comprehensive Protection:** Overvoltage, undervoltage, overcurrent, short-circuit protection with visual and sound fault alarms.
- **Customizable Settings:** Adjustable cable tension, release speed, max altitude, safety distance, and operational parameters.
- **Durable Design:** Aluminum alloy housing, IPx4 protection, operational from -20°C to 55°C

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