

Stable

Versatile

Flexible

Applicable Models: DJI M400

Extended Continuous Power — Ensures safe, uninterrupted UAV operation and lighting for up to 12 hours.

Applications

Firefighting

The system assists firefighting operations with persistent aerial monitoring and lighting in hazardous areas.

Rescue

It supports search and rescue missions by offering continuous airborne observation and guidance

Law Enforcement

It enables law enforcement agencies to conduct extended surveillance and crowd monitoring safely and efficiently

Lighting

The tethered system provides stable, long-duration aerial lighting for events, construction sites, and emergency operations

Portable

Smart

Reliable

Specification

Ground Unit

- Dimensions: ≤ 355 × 262 × 230 mm
- Weight: ≤ 8.5 kg
- Cable Length: ≥ 110 m (Lighting), ≥ 160 m (Relay UAV)
- Power Loss Protection: UAV continues safe flight if ground power is interrupted
- Power Output: ≥ 400 W for ground lighting
- Mounting: Quick-mount, tripod compatible, extendable legs for distance lighting
- Control: DJI Pilot2 APP, dedicated mobile APP, or WeChat mini program
- Ingress Protection: IP55

Airborne Unit

- Weight: < 600 g
- Lighting Platform Dimensions: ≤ 300 × 120 × 40 mm per side
- Power Supply Voltage: DC 24–60 V
- Mounting: Bottom quick-mount, tool-free, full installation/removal in 3 s
- Light Type: White 6500 K, red-blue strobe
- Total Power: ≥ 1200 W / 120,000 LM (customizable high-power versions)

The C.TE400 consists of three key components:

- **Aerial Power Module**
- **Hybrid Manual/Automatic Tether Reel**
- **Ground Lighting System**

Contact Us:

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Powerful

Automatic

Durable

TE400 Tethered Power Supply & Light System



The C.TE400 tethered power and lighting system is designed for the DJI Matrice M400 series. It converts single-phase AC into high-voltage DC, transmitting power via a high-performance nickel-alloy tether to the aerial power module, providing continuous UAV operation. Paired with a backup battery, it supports up to 12 hours of extended flight while maintaining safe operation. The system also features a compact, high-power lighting platform.

Key Features:

- **Continuous** — Provides uninterrupted UAV power, even without mains supply
- **Portable** — Backpack and hand-carry design for single-operator use
- **High-Power** — 1500 W UAV output, USB QC 18 W, 4-port PD 100 W Type-C
- **Automatic** — 110 m tether with auto retraction/deployment
- **Reliable** — Cable protected against bending and impact
- **Smart** — App-based real-time monitoring of voltage, current, tether length, and power
- **Quick-Mount Lighting** — Easy, tool-free installation with tripod compatibility
- **Durable** — Rugged design with IP55 protection for harsh environments
- **Flexible** — Supports relay UAV operations up to 150 m

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