

Thank you for purchasing a sUAS Ops Battery Charging Dock!

I've poured my heart and soul—along with hundreds of hours of design, real-world use, testing, and even destruction testing—into this product to ensure precise fit, reliability, and long service life. Public safety operations are tough on equipment, so my goal was to make this dock significantly stronger and more field-ready than typical 3D-printed gear.

That said, while it's built from high-performance materials and designed for hard use, it is still plastic—not metal—and it isn't indestructible. Treat it with the same care you give your aircraft and it will serve you well for years.



Included Power Cord (Matrice 4T/E versions)

If you purchased a dock for the **M4T/E**, you'll find a **2-foot right-angle power cord** included. This keeps the setup clean and eliminates the “wire octopus” between the charger and the DJI Power 1000.

When using the **DJI OEM hub**, you can alternatively power it with a **USB-C cable directly from the DJI Power 1000**.



Securing the OEM Charging Hub (M4TD/D and M4T/E)

You'll find **two medium-duty Ty-Rap cable ties** for securing the charging hub.

The dock is designed so the **cable-tie head is hidden underneath**:

- On the bottom side, locate the square recess and cable channel
- Place the head of the cable tie in that recess
- Run the strap through the channel and tighten

This keeps the installation clean, low-profile, and snag-free.



FKTOP 200W Charger Installation (M4T/E)

This version requires a few extra steps, but the result is a compact, mission-ready **200W charging station**.

1. **Seat the three battery connector cables into the top of the dock**
 - Each connector has a top and bottom
 - The top side (the side with the notches that faces the battery) must face upward
 - Press the connector straight down into the slot, keeping it parallel and even
 - It will be tight—this is intentional for a secure fit
 - Removal grooves are built in if needed later
2. **Route the cables**
 - Feed all three connector leads through the bottom of the dock
 - Lay the wires into the built-in cable channels
 - Bring them back up through the access opening to plug into the charger
3. **Secure the wiring**
 - Tape over the channels to hold the wires in place
 - *Gaffer tape is recommended, but duct tape will work*



DJI 100W Charger Mount (Matrice 4T / 4E OEM Hub Version)

The Matrice 4T / 4E OEM hub version also includes a dedicated slot for the DJI 100W charger.

This allows you to run the complete charging setup independently of the DJI Power 1000, making the dock a compact, self-contained charging solution for bench use, vehicle use, or deployment with other power sources.



Mounting to the DJI Power 1000

All versions include **four heavy-duty, high-quality Ty-Rap cable ties** for mounting the dock to the top of a DJI Power 1000.

Installation tip (learned the hard way):

- Tighten a little at a time in each corner to keep the dock centered
- You can always tighten more—but you can't loosen them

If you make a mistake, simply cut the ties and replace them. While other brands will work, I've found **Ty-Rap** to be among the most reliable.



RC Plus 2 Rear Mount & USB-C Access (All Versions)

All three versions feature a **dedicated rear mount for the DJI RC Plus 2 controller**, allowing it to:

- Rest securely in place, or
- Hang while charging during operations

The rear mount remains fully accessible even when the dock is installed on top of the DJI Power 1000, so your controller is always within easy reach.

Important: The RC Plus 2 rear mount is intended for use once your charging station is set up and stationary. It is **not designed for transporting the system with the controller in place**. Always remove the controller before moving or transporting the unit.



Each dock also maintains **clear access to the USB-C output** on the installed hub or charger, so you can conveniently power:

- The RC Plus 2
- Tablets / phones
- Lights or other field accessories

We Value Your Feedback

We are always looking for ways to improve. If you have enhancement ideas or constructive criticism, we would genuinely like to hear from you—our goal is to provide the best possible field solution for working operators.

You can reach us anytime at: curt@suasops.com

This system was designed by an operator for operators. I hope it makes your deployment faster, cleaner, and more mission-ready every time you roll out.