



**DIJI DOCK**



## General

<b>Product Name</b>	DJI Dock
<b>Total Weight</b>	105 kg (not including aircraft weight)
<b>Dimensions</b>	Dock Cover Opened: 1675×885×735 mm (L×W×H) Dock Cover Closed: 800×885×1065 mm (L×W×H)
<b>Input Voltage</b>	100-240 VAC, 50/60 Hz
<b>Max Input Power</b>	1,500 W
<b>Operating Temperature</b>	-35 to 50° C (-31 to 122° F)
<b>Ingress Protection Rating</b>	IP55
<b>Number of Drones Accommodated</b>	1
<b>Max Allowable Landing Wind Speed</b>	12 m/s
<b>Max Operating Altitude</b>	4,000 m
<b>Max Operating Radius</b>	7,000 m
<b>Receiving Frequency of RTK Base Station Satellite</b>	Simultaneously receive: GPS: L1 C/A, L2 BeiDou2: B1I, B2I, B3I BeiDou3: B1I, B3I GLONASS: L1, L2 Galileo: E1, E5B
<b>Positioning Accuracy of RTK Base Station</b>	Horizontal: 1 cm+1 ppm (RMS) Vertical: 2 cm+1 ppm (RMS)

## Charging Performance

<b>Output Voltage</b>	18 to 26.1 V
<b>Charging Time</b>	25 minutes Note: This is if the ambient temperature is 25°C (77° F), and the aircraft is charged from 10% to 90%.

DJI Docks are rugged, reliable, and are built to operate 24/7,  
day or night, rain or shine.  
Each DJI Dock houses a Matrice 30 where it lands, recharges, takes off, and  
executes missions programmed in DJI FlightHub 2.



Integrated and Easy to Deploy



Work Smarter With Automation



Cloud Management at Your  
Fingertips



7 km Operation Radius <sup>1</sup>



Fast Charge for Minimal  
Downtime<sup>2</sup>



-35°C to 50°C Operating  
Temperature



Support for Private Deployment



Open Edge Computing

## Video Transmission

Video Transmission System	O3 Enterprise
Operating Frequency	2.4000-2.4835 GHz 5.725-5.850 GHz
Antennas	4 antennas, 2T4R
Transmitter Power (EIRP)	2.4 GHz: <33 dBm (FCC); <20 dBm (CE/SRRC/MIC) 5.8 GHz: <33 dBm (FCC); <14 dBm (CE); <23 dBm (SRRC)

## Air Conditioning System

Operating Voltage	48 VDC
Air Conditioning Type	TEC Air Conditioning

## Backup Battery

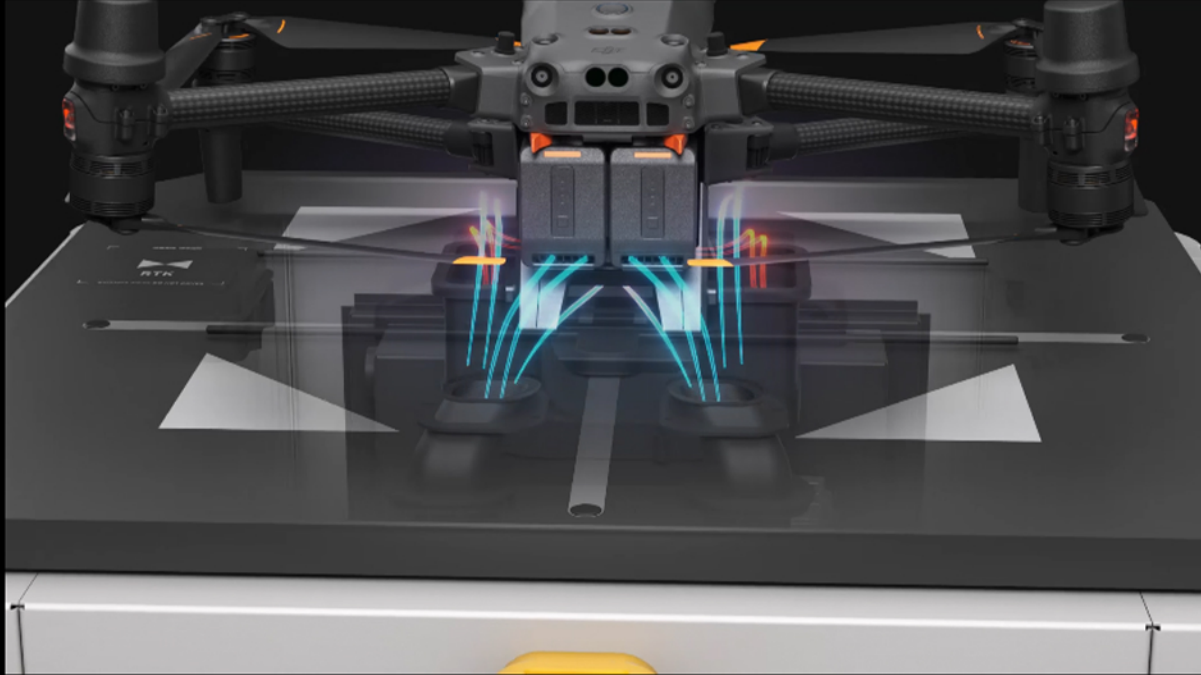
Battery Capacity	12 Ah
Output Voltage	24 V
Battery Type	Lead-acid Battery
Backup Battery Life	> 5 hours

## Network Access

Ethernet Access	10/100/1000Mbps Adaptive Ethernet port
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## Fast Charging, Fast Turnaround

Fast charge and take off thanks to TEC air conditioning that cools the drone batteries, enabling charging from 10-90% in just 25 minutes<sup>2</sup>.



## Day or Night, Rain or Shine

DJI Docks are built to withstand the elements, so you don't have to.

**IP55**

Ingress Protection

**-35°C to 50°C**

Operating Temperature<sup>3</sup>

**40kA**

Surge Protection<sup>4</sup>

**5 Hours**

Backup Battery<sup>5</sup>

**Active  
Temperature  
Control**

For fast charging and drone safety

**6 Months**

Maintenance Interval<sup>6</sup>



## Lightning Protection

AC Power Port	40 kA (8/20µs waveform), meets EN/IEC 61643-11 TYPE 2 protection level requirements
Ethernet Port	1.5 kA (8/20µs waveform), meets EN/IEC 61643-21 CATEGORY C protection level requirements

## Sensor

Wind Speed Sensor	Supported
Rainfall Sensor	Supported
Ambient Temperature Sensor	Supported
Water Immersion Sensor	Supported
In-cabin Temperature Sensor	Supported
In-cabin Humidity Sensor	Supported
Vibration Sensor	Supported

## Integrated Security Camera (On Cover)

Resolution	1920×1080
Field of View (FOV)	180°
Auxiliary Light	Supported, Auxiliary White Light

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