

MYUAV® Tethered drone



Tethered Drone System Solution Provider



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Intel-Manufacturing

PCB design



3D design



UAV design



CNC manufacturing



Software



Test



Training



Tethered Drone System



Applications

Applications



森林防火

无人机搭载红外、热成像云台，完美智能识别监控火灾，尖端高清效果



反恐防爆

无人机用于大型活动安保、目标建筑保护、群体突发事件处理



海事巡查

无人机海事巡查，提升海事监管能力，打造水、岸、空海事立体监管系统



电力巡检

无人机用于电力巡检，可大大提升电力维护和检修的速度和效率



环境保护

无人机可应用于环境监测、环境应急、生态环境保护等领域



国土资源

无人机应用于国土资源监管，增强道路开发、环境保护与灾害防治的预见性

Usable Drones



The tethered hovering drone base station is mainly combined with a variety of commercial rotor drones and helicopters around the world to grow an endurance flight system, and realize different application scenarios through different mounts. It can achieve 5 minutes of rapid assembly, take-off, fixed-point hovering, and extend the stagnation time to more than 4 hours

The base station can be carried and operated by a single person, and can be transferred to the destination with movable equipment such as people, vehicles, and ships.

Applications

Lighting



Sensing



Forest monitor



Surveillance



- Easy to carry, simple to operate, rapid response, autonomous flight
- Modular design enables being equipped with cameras and various sensors
- Low cost, low speed, high endurance, high flight distance, high reliability

Traveler Series

MYUAV® Tethered drone

Tethered Power System

LG35



size	46x26x41.5cm
weight	18kg
input	220V AC $\pm$ 10% 50Hz/60Hz
output	420V DC / 3.5KW
height	100m/150m/200m
特features	* Automatic voltage compensation, automatic overcurrent protection * Anti -inverted electric momentum for safe landing * Isolation design to prevent electric shock * With a lifting rod to prevent the cable from dragging on earth * Low -current alarm for safe flight * Base station with 485 communication to display datas in real time

size	46x26x41.5cm
weight	22kg
input	220V AC $\pm$ 10% 50Hz/60Hz
output	420V DC / 5.5KW
height	100m/150m
features	* Automatic voltage compensation, automatic overcurrent protection * Anti -inverted electric momentum for safe landing * Isolation design to prevent electric shock * With a lifting rod to prevent the cable from dragging on earth * Low -current alarm for safe flight * Base station with 485 communication to display datas in real time

LG55



Pathfinder Series

MYUAV® Tethered drone

Tethered Power System

MJ28



size	41x34x31cm
weight	约22kg
input	220V AC $\pm$ 10% 50Hz/60Hz
output	420V DC / 2.8KW
height	100m/150m/200m
features	* Automatic voltage compensation, automatic overcurrent protection * Anti -inverted electric momentum for safe landing * Isolation design to prevent electric shock * Low -current alarm for safe flight * Base station with 485 communication to display datas in real time

size	41x34x31cm
weight	约22kg
input	220V AC $\pm$ 10% 50Hz/60Hz
output	420V DC / 3.5KW
height	100m/150m/200m
features	* Automatic voltage compensation, automatic overcurrent protection * Anti -inverted electric momentum for safe landing * Isolation design to prevent electric shock * Low -current alarm for safe flight * Base station with 485 communication to display datas in real time

MJ35A



Pathfinder Series

MYUAV® Tethered drone

Tethered Power System

MJ35B



size	60x45x38cm
weight	约41kg
input	220V AC $\pm$ 10% 50Hz/60Hz
output	420V DC / 3.5KW
height	200m/300m
features	* Automatic voltage compensation, automatic overcurrent protection * Anti -inverted electric momentum for safe landing * Isolation design to prevent electric shock * Low -current alarm for safe flight * Base station with 485 communication to display datas in real time

size	60x45x38cm
weight	约43kg
input	220V AC $\pm$ 10% 50Hz/60Hz
output	420V DC / 5.5KW
height	150m/200m
features	* Automatic voltage compensation, automatic overcurrent protection * Anti -inverted electric momentum for safe landing * Isolation design to prevent electric shock * Low -current alarm for safe flight * Base station with 485 communication to display datas in real time

MJ55



Climbers Series

MYUAV® Tethered drone

Tethered Power System

MJ75



size	60.5x45x48cm
weight	约50kg
input	380V AC $\pm$ 10% 50Hz/60Hz
output	420V DC / 7.5KW
height	150m
features	* Automatic voltage compensation, automatic overcurrent protection * Anti -inverted electric momentum for safe landing * Isolation design to prevent electric shock * Low -current alarm for safe flight * Base station with 485 communication to display datas in real time

size	60.5x45x48cm
weight	约50kg
input	380V AC $\pm$ 10% 50Hz/60Hz
output	750V DC / 10KW
height	150m
features	* Automatic voltage compensation, automatic overcurrent protection * Anti -inverted electric momentum for safe landing * Isolation design to prevent electric shock * Low -current alarm for safe flight * Base station with 485 communication to display datas in real time

MJ100



Climbers Series

MYUAV® Tethered drone

Tethered Power System

MJ150



size	60.5x45x48cm
weight	约52kg
input	380V AC $\pm$ 10% 50Hz/60Hz
output	750V DC / 15KW
height	150m
features	* Automatic voltage compensation, automatic overcurrent protection * Anti -inverted electric momentum for safe landing * Isolation design to prevent electric shock * Low -current alarm for safe flight * Base station with 485 communication to display datas in real time

size	60.5x45x48cm
weight	约52kg
input	380V AC $\pm$ 10% 50Hz/60Hz
output	750V DC / 18KW
height	110m
features	* Automatic voltage compensation, automatic overcurrent protection * Anti -inverted electric momentum for safe landing * Isolation design to prevent electric shock * Low -current alarm for safe flight * Base station with 485 communication to display datas in real time

MJ180L



Climbers Series

MYUAV® Tethered drone

Tethered Power System

MJ180H



size	60.5x45x48cm
weight	约52kg
input	380V AC $\pm$ 10% 50Hz/60Hz
output	1000V DC / 18KW
height	150m
features	* Automatic voltage compensation, automatic overcurrent protection * Anti -inverted electric momentum for safe landing * Isolation design to prevent electric shock * Low -current alarm for safe flight * Base station with 485 communication to display datas in real time

size	60.5x45x58cm
weight	约60kg
input	380V AC $\pm$ 10% 50Hz/60Hz
output	1000V DC / 30KW
height	110m

features	* Automatic voltage compensation, automatic overcurrent protection * Anti -inverted electric momentum for safe landing * Isolation design to prevent electric shock * Low -current alarm for safe flight * Base station with 485 communication to display datas in real time
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MJ300



DJI Series

MYUAV® Tethered drone

DJI Inspire 2 Airborne power

MP16



Parameters

- Measurement $\leq 145 \times 65 \times 112 \text{mm}$
- Weight $\leq 215 \text{g}$
- Power $\geq 1600 \text{W}$
- Carry 1110g (60% higher than normal solutions)
- Socket Inspire 2 socket
- Protection Anti-shutoff protection
- Protection Short-circuit protection
- Protection $\geq 420 \text{V(DC)}$

DJI Series

MYUAV® Tethered drone

M210 V2 Airborne power

MP16B



Parameters	
• Measurement	≤131*40*88mm
• Weight	≤315g
• Power	≥1600W
• Carry	1135g
• Socket	M210 socket
• Protection	Anti-shutoff protection
• Protection	Short-circuit protection
• Protection	≥420V(DC)

DJI Series

MYUAV® Tethered drone

M300 RTK Airborne power

MP25



Parameters

- Measurement $\leq 135 \times 98 \times 95 \text{mm}$
- Weight $\leq 650 \text{g}$
- Power $\geq 2500 \text{W}$
- Carry 2200g
- Socket M300RTK socket
- Protection Anti-shutoff protection
- Protection Short-circuit protection
- Protection $\geq 420 \text{V(DC)}$

Airborne power

MP25H



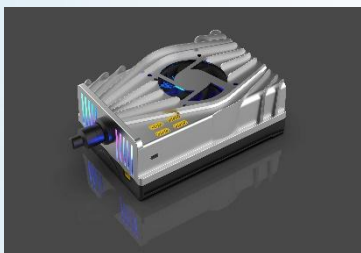
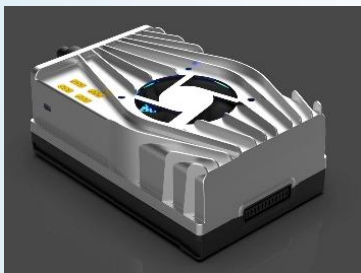
Parameters	
• Weight	• 800g
• Measurement	• 150 x 70 x 55mm
• Power	• 2500W
• Input	• 750V d.c.
• Output voltage	• 6S d.c. Stable Output
• Output current	• 100A
• Auto balance	• ±1.5%
• Efficiency	• 97%

Industrial

MYUAV® Tethered drone

MU93 Airborne power

MP32



Parameters

• Weight	• 650g
• Measurement	• 148 x 99 x 57mm
• Power	• 3200W
• Input	• 400V d.c.
• Output voltage	• 6S d.c. Stable Output
• Output current	• 130A
• Auto balance	• $\pm 1.5\%$
• Efficiency	• 95%



Industrial

MYUAV® Tethered drone

Airborne power

MP15



Parameters	
• Weight	• 0.9Kg
• Measurement	• 15.3 x 4.5 x 9.5cm
• Power	• 1500W
• Input	• 400V d.c.
• Output voltage	• 6S Stable Output
• Output current	• 60A
• Auto balance	• ±5%
• Efficiency	• 95%

MP35



Parameters	
• Weight	• 1.15Kg
• Measurement	• 18 x 4.5 x 11cm
• Power	• 3500W
• Input	• 400V d.c.
• Output voltage	• 50V d.c.
• Output current	• 70A
• Auto balance	• ±1.5%
• Efficiency	• 96%

Industrial

MYUAV® Tethered drone

Airborne power

MP50



Parameters	
• Weight	• 1.8Kg
• Measurement	• 21 x 13 x 6.7cm
• Power	• 5000W
• Input	• 400V d.c.
• Output voltage	• 50V d.c. Stable Output
• Output current	• 100A
• Auto balance	• $\pm 1.5\%$
• Efficiency	• 96%

MP65



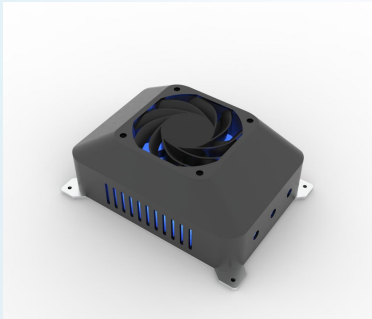
Parameters	
• Weight	• 3.2Kg
• Measurement	• 25 x 6.7 x 22cm
• Power	• 6500W
• Input	• 400V d.c.
• Output voltage	• 50V d.c. Stable Output
• Output current	• 130A
• Auto balance	• $\pm 1.5\%$
• Efficiency	• 96%

Industrial

MYUAV® Tethered drone

Airborne power

MP90



		Parameters
•	Weight	• 3.1Kg
•	Measurement	• 24*18*11cm
•	Power	• 9kW
•	Input	• 750V d.c.
•	Output voltage	• 12S. 14S.
•	Output current	• 180A
•	Auto balance	• ±1.5%
•	Efficiency	• 96%

MP120



		Parameters
•	Weight	• 6.36Kg
•	Measurement	• 31x24x11cm
•	Power	• 12kW
•	Input	• 750V d.c.
•	Output voltage	• 12S. 14S.
•	Output current	• 240A
•	Auto balance	• ±1.5%
•	Efficiency	• 96%

Industrial

MYUAV® Tethered drone

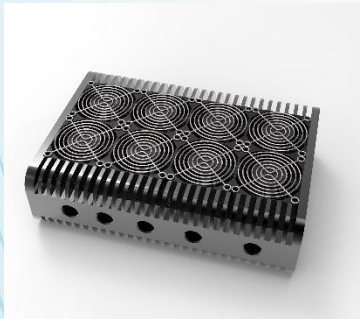
Airborne power

MP150



Parameters	
• Weight	• 6.36Kg
• Measurement	• 31x24x11cm
• Power	• 15kW~16kw
• Input	• 1000V d.c.
• Output voltage	• 14S
• Output current	• 300A
• Auto balance	• ±1.5%
• Efficiency	• 96%

MP300



Parameters	
• Weight	• 9Kg
• Measurement	• 45×24×9.8cm
• Power	• 30kW
• Input	• 1000V d.c.
• Output voltage	• 14S. 16S. 18S
• Output current	• 508A
• Auto balance	• ±1.5%
• Efficiency	• 96%

Combinations

MYUAV® Tethered drone



1.5k w/6S	1.6k w/6S	2.5k w/6S	3.2k w/6S	3.5kw /12S	5kw/ 12S	6kw ~7.5k w	9kw	12k w	15kw	30kw
2.8kw			3.5k w	5.6kw	7.2k w	10kw	15kw	18kw		
9kg~16kg			19kg	21kg	30kg	36~4 5kg	54~72kg	90kg	180kg	



*The total weight of the air stagnation is calculated based on the general situation, and the specific cases need to be analyzed in detail

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