

700V Wired power supply system

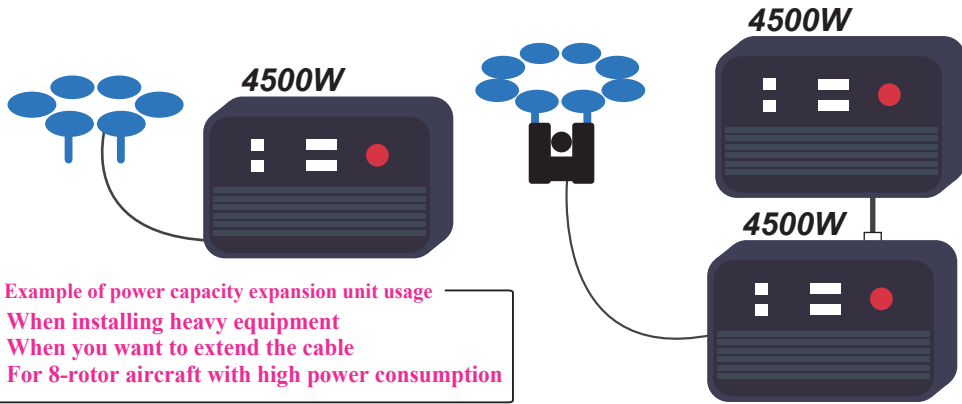
cable length
30m-150m
Correspondence

Ground power supply 4500W output



- ① Expandable up to 2 units (9000W)
- ② Since the power supply voltage has been increased, it has become possible to make the power supply cable thinner and lighter.

Flying powerfully with main power supply unit and **power capacity expansion unit!** Support for large drones

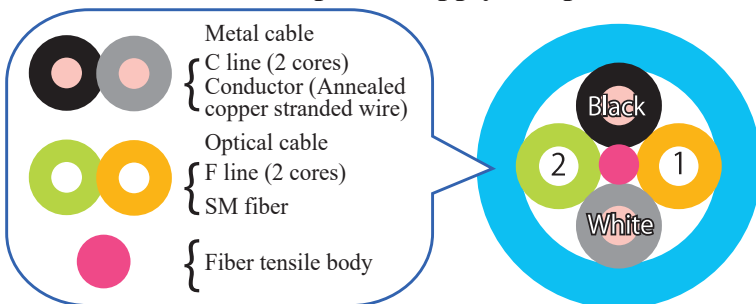


- Example of power capacity expansion unit usage
- When installing heavy equipment
 - When you want to extend the cable
 - For 8-rotor aircraft with high power consumption

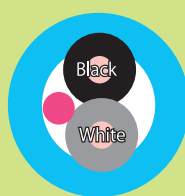
Advantages of wired power supply drone

<p>Long flight</p>	<p>Area restriction</p>	<p>Disaster relief</p>	<p>Radio disturbance</p>
<p>When flying vertically, such as when checking high places, the cable will not get caught and you can fly for a long time.</p>	<p>On the wall surface along the road where the flight area is limited, the cable becomes the lead, so you can fly with confidence.</p>	<p>If a disaster occurs, Seeking help or from the sky You can lookaround. No chargingrequired, Even during a power outage It can operate.</p>	<p>Because it communicates with an optical cable, it is possible to fly even on a site where it is impossible to control due to radio interference.</p>

Cross section of wired power supply composite cable

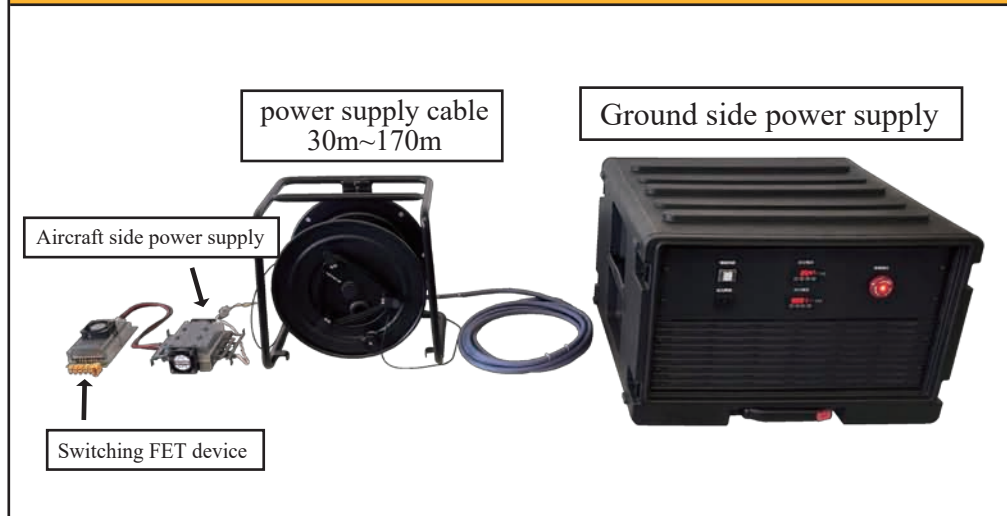


*In addition to power supply + optical cable type, lightweight type with only electric wire is available.



Product Specifications

① Ground side power supply specifications	
Name	Ground side power supply
External shape	570×670×370mm (max) (W×D×H)
Mass	30kg (less than)
Input Power	AC100V, 50/60Hz x 4 systems (3φ AC200V input under development)
Power output	<ul style="list-style-type: none"> • Maximum output power: 5000W (1 minute or less) • Output voltage: DC700V±20V • Rated output 4500W
② Aircraft side power supply specifications	
Name	Aircraft side power supply
External shape	145×163×64mm (max) (W×D×H)
Mass	1120g/1 unit (less than)
Input Power	DC700V (input range: DC680V to DC720V)
Power output	Maximum output power: 5000W (1 minute or less), output voltage: DC42V±3V Rated output 4500W
③ Switching FET device Switches to emergency battery when wired power supply stops.	



Please note that the listed products and specifications are subject to change without notice.

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