

Tethered Product - TE4 Tethered Power Supply System



Product Introduction

TE4 power supply system is M4 knapsack system, the tethered box provides a folding function that can be used when the ground is unfurled protect the tethered box by avoiding contact with the harsh ground environment,the box can be designed as a backpack,the material of the box is made of environment-friendly materials,the fitting area with the human back conforms to ergonomic design and is comfortable durable, suitable for individual long distance carrying. The high integration provides portability while the automatic retracting & releasing function of the 55 meter cable ensures that the tethered system can be quickly automatic retracting & releasing, reducing cable impact and bending, making it an effective device for protecting cables. Equipped with an internal energy storage system, it can achieve continuous operation for extended flight hours even in the absence of mains power.

Product Advantage

- The airborne power supply can be disassembled and assembled quickly without tools;
- Weight of the ground box $\leq 9\text{KG}$ (Excluding built-in battery) ;
- APP control software;

Floodlight Parameters

Light type : COB+LED
Light power: $\geq 800\text{W}$
Lighting illuminance: $\geq 90000\text{ LM}$
Light weight: $\leq 220\text{g}$
Single side light size: $\leq 215 \times 40 \times 25\text{mm}$
Overall lighting size: $\leq 220 \times 80 \times 30\text{mm}$
Equipped with red and blue flashing function
Equipped with an intelligent dimming system, it can achieve brightness adjustment
The lighting angle can be adjusted from 0 to 45 degrees



Applicable Model

M4 Series

Technical Parameters

Airborne module weight	$\leq 120\text{g}$
Airborne power	$\geq 400\text{w}$ (Dedicated to UAV)
Dimensions of the ground power supply box	$\leq 350\text{mm} \times 270\text{mm} \times 190\text{mm}$
Weight of the tethered box	$\leq 15.5\text{KG}$ (Include built-in battery)
Weight of the tethered box	$\leq 9\text{KG}$ (Exclude built-in battery)
Cable length	$\geq 55\text{m}$
Electrical specifications of ground power supply box	Provide 1500W drone power supply, 1 USB QC 18W charging interface, and 1 4-port PD 100W TYPE-C power supply capability to charge peripherals. The overall power switch has an independent switch and can be equipped with an optional sound and light alarm module .
Protection and transportation characteristics	The tethered box provides a waterproof base that can avoid contact with harsh ground environments when deployed on the ground. The box can be carried by hand, and the carrying system is ergonomically designed to fit the back of the human body, making it comfortable and durable, suitable for long-distance carrying by individual combat.
Specialized APP software	Provide APP control software , can be installed on Android remote control or mobile phone. The startup screen can be customized, and control of the tethered power supply system is provided. The APP can obtain voltage, current, cable length, and power parameters

