

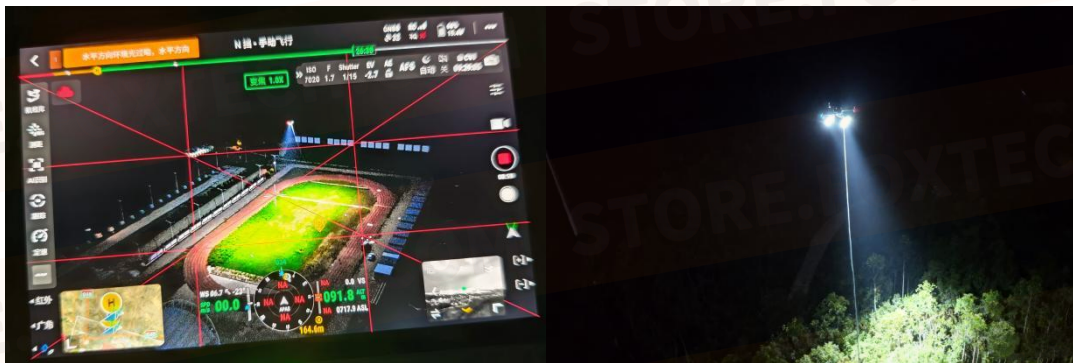
# Product Specification

Product model: T35

Product name: 3.5kw 12S max.150m Tether  
drone system

## Main components

- 1.UAV (customer configuration)
2. Airborne power supply
3. Ultra light composite cable (fiber function optional )
4. High strength mooring dedicated all-in-one base station, color display, automatic cable retraction and release, AC 220Vpower supply



## Tethered drone system base station



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<b>Size</b>	45x32x30cm
<b>Weight</b>	24kg
<b>Cable</b>	Fiber optional.
<b>AC Input</b>	220 VAC+10% 50/60Hz
<b>DC output</b>	with power compensation
<b>Max.output</b>	3.5kw / 7kw optional
<b>Features</b>	<ol style="list-style-type: none"><li>1. One click power start, automatic voltage compensation (*patent)</li><li>2. Internal menu can display voltage, current, cable length, and temperature (*patent of cable length accuracy &gt;95%)</li><li>3. Equipped with overcurrent, overvoltage, short circuit, and over temperature protection</li><li>4. Equipped with observation window, it can manually retract the cable and retract it without power supply</li><li>5. Full Aluminum suit case</li></ol>

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## Air power (3.5kw 12S)



### Measurement / weight

LxWxH: 200\* 110\*45mm / 1.1kg

### Output

	Data	Unit
Rated output	50V DC 12S stable output	Vdc
Output power	3500	W
Efficiency	95	%

### Connection

**Vo+** / **Vo-**: XT90F \*2pcs

DC output which is connected to UAV together with the battery

**Vin+** / **Vin-**: XT90M

DC input from base station

