

# Product Specification

Product model: T60

Product name: 6kw 12S max.260m Tether  
drone system

## Main components

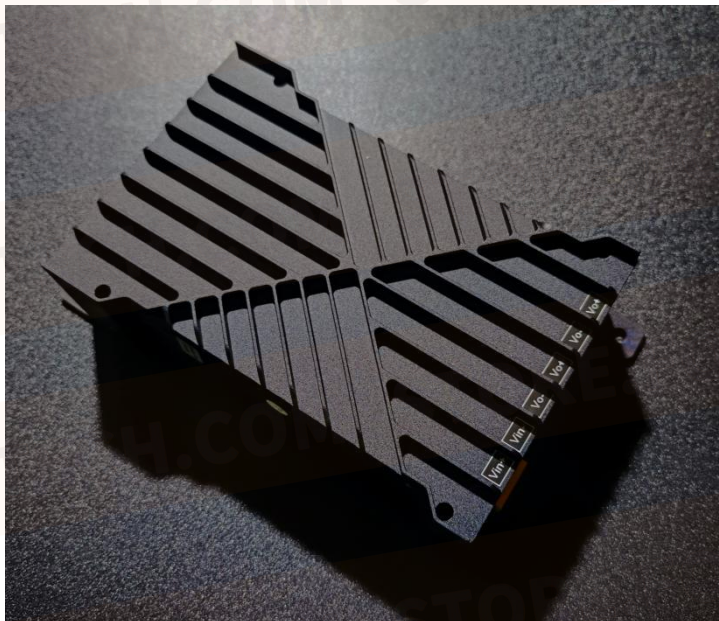
- 1.UAV (customer configuration)
2. Airborne power supply
3. Ultra light composite cable (fiber function optional )
4. High strength mooring dedicated all-in-one base station, color display, automatic cable retraction and release, AC 220Vpower supply

# Tethered drone system base station

Dimensions	60.5x45x48cm
Power supply	AC220V Power supply. Continuous flight time is not less than 24hrs; 750V DC; 10KW
Height	Max.260m
Automatic pay-off and take-up system	Electric-Optical option Automatic cable reeling and unreeling function
Highlights	<ul style="list-style-type: none"><li>● Power on, one-button start, automatic voltage compensation(*patent)</li><li>● The internal menu can display voltage, current, cable length and temperature.(*Patented, error less than 5%)</li><li>● With over-current, over-voltage, short-circuit and over-temperature protection</li><li>● With observation window, can be manually closed cable, reeling in without power supply</li><li>● Protection level: IP43</li><li>● Turbocharged ventilation and cooling</li></ul>
weight	45kgs tethered base station



## Air power (6kw 12S)



### Measurement / weight

LxWxH: 18\*11\*5.5cm / 1.3kg

### Output

	Data	Unit
Rated output	50V DC 12S stable output	Vdc
Output power	6000	W
Efficiency	95	%

### Connection

**Vo+ / Vo-:** QS8F \*2pcs

DC output which is connected to UAV together with the battery  
(or 1 for UAV, 1 for battery)

**Vin+ / Vin-:** XT90M

DC input from base station

