

SAFE-T 2.2 DRONE TETHER

SAFE-T 2

Dimensions

408 x 603 x 261 mm (16 x 24 x 11 in)
(without feet)

Weight

25 kg (57 lbs)

Power source requirements

230 VAC, 50-60 Hz, 4 kW min for power source, output limits below 120 VAC, 50-60 Hz, 2 kW min for power source, 1,2 kW output limit
30mA differential circuit breaker needed

Power supply cable

Type E

Built-in protection

Fuse

Micro-tether management

10 pre-sets, smart pre-programmed laws and reset function

Wi-Fi connectivity

Protocol 802.11 b/g/n, Frequency 2.4G-5G (2400M-2483.5M)

Encryption WEP/TKIP/AES, Security WPA/WPA2.

Carriage

2 folding handles

Ingress protection level

IP54

Altitude max

4000 m (13 000 ft)

Storage temperature

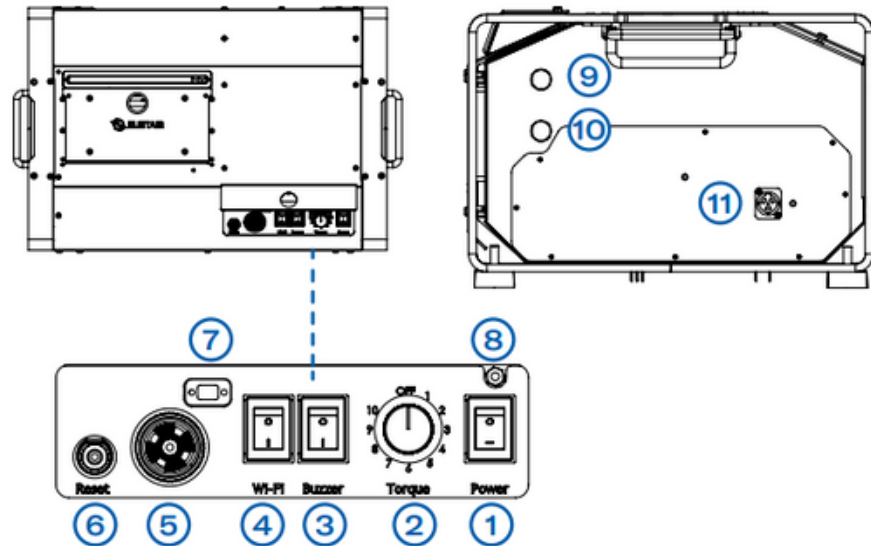
-20 °C +50 °C (-4 °F +122 °F)

Overvoltage class

OVC II

fault current max

1500 A



1. Power arming switch
2. Micro-tether tension knob
3. Buzzer on/off
4. Wi-fi on/off
5. Buzzer
6. Winch reset button
7. USB port
8. Wi-fi antenna
9. Ethernet port
10. 2nd ethernet port
11. Power input

Data - data speed

80 Mb/s minimum (up to 200 Mb/s, depends on the packet size)

Data - data connectors

Ethernet RJ45 (Air Module and Safe-T)
Compatible with MP002461 and MP002462 shielded

Field installed cable end screw for IP connexion

Developer - Remote controls

Control power, torque, pre-programmed laws, alarms

Developer - Remote telemetry

Winch temperature speed and length, power consumption, alarm values

GRIDX
metering and control

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MICRO TETHER CONFIGURATION

Length

100 m (330 ft) 100 m (330 ft) 100 m (330 ft)

Linear weight

16 g/m 20.5 g/m 26 g/m

Total weight

1600 g (3,5 lbs) 2050 g (4,5 lbs) 2600 g (5,7 lbs)

Tensile strength

120 daN 120 daN 150 daN

Diameter

2.35 mm 2.7 mm 2.9 mm

230 V

Max continuous power* 1500 W 1800 W 2200 W

Peak power 3 s 2500 W 2500 W 2500 W

Alarm 1670 W 2000 W 2450 W

120 V

Max continuous power* 1400W 1700 W 1850 W

Peak power 3 s 1700 W 1800 W 1850 W

Alarm 1560 W 1800 W 1850 W

Micro-tether length

50 - 100 m (164 - 330 ft) 50 - 100 m (164 - 330 ft) 50 - 100 m (164 - 330 ft)

Operating temperature

-20 ° to 50 °C (-4 ° to 120 °F) -20 ° to 50 °C (-4 ° to 120 °F) -20 ° to 50 °C (-4 ° to 120 °F)