MPN: 0070-10372

PRO-MSB Tower Ultimate. With Battery backup, Network, Solar and Fuel-cell setup

PRO-MSB Tower Ultimate



The scope of delivery for this mast solution:

Complete Off-Grid Surveillance with fuel cell and Solar Performance
The Ernitec PRO-MSB Complete Installation Kit is a turnkey, off-grid surveillance power solution engineered for professional-grade remote deployments.

Fully Integrated Power System
The kit includes an EFOY 2800 Pro fuel cell with two M28 adapters and cartridges, providing continuous, clean power for extended operation.

Supplemented with dual 240 Ah batteries and two 300 W solar panels on an MPPT rack, the system maintains peak efficiency while capturing solar energy, perfect for ensuring uninterrupted operation in any environment.

Ready-to-Deploy Electronics Suite
PRO-MSB comes pre-configured with a rack-mounted EFOY controller, Teltonika RUTX50 router (including GPS, dual-SIM, Wi-Fi, multi-band LTE), an 8-port PoE switch, cable management, charging hardware, and all necessary brackets.

- Mains - bracket complete. Working hours, tools, energy etc.
- Chain for cables, incl., 6 UTP Cat, audio, 2x1.5
- Teltonika router & GPS, 2SIM, WiFi, 2G, 3G LTE, GPS/GLONASS, I/O 4xLAN + external 8xPOE Switch + bracket + cabling
- Antena 5G, LTE, MIMO, WIFI, GPS GLONASS Pointing + bracket
- Charger 12volt, 350watt with battery protect + mounting accessoires
- Battery 2 x 240Ah + accessoires. Installation kit 2x battery
- Stabilisation plates
- 2 x 300W Solar panels. Inverter
- Fuelcell EFOY2800. Fuelcell manager FM2. 2 x 28ltr cartridges methanol. Fuelcell adapter M28 x 2
- Special delivery requirements: Only possible where either a forklift or i high loading dock is available. Otherwise ask for price on a special delivery when not available.

Specifications

Battery	**Battery Capacity (Wh)**	5760 Wh
	Battery Technology	Valve-Regulated Lead Acid (VRLA)
	Battery Weight (g)	128 kg
Legal Information	**ADR Information**	UN2800 - Batteries, wet, non-spillable, electric storage
	Country of Origin	Poland
	Tariff No.	7308909890
	UNSPSC Code	26111701

Product dimensions	**Product Depth**	99 cm
	Product Height	227 cm
	Product Width	99 cm
Vendor information	**Brand Name**	Ernitec
	Warranty	1 Year(s)

Other images





