

EFOY ProTrailer 4060T and 4120T

Mobile power supply for extreme weather conditions down to -40 °C (-40 °F)



EFOY ProTrailer provides reliable off-grid power for surveillance, communication and other applications. Perfect for short or long term deployments, the EFOY ProTrailer includes a hybrid power solution fully integrated in a NEMA 3R weatherproof enclosure, a vertical mast and solar mounting. The power supply includes an EFOY Pro 2400 Duo fuel cell, M28 fuel cartridges and based on customer load and location requirements solar panels, solar charger and batteries.

- 🔋 High reliability & low maintenance
- 🔋 Easy installation of cameras or lights
- 🔋 Long autonomy
- 🔋 Quiet and eco-friendly operation



Picture: Customized EFOY ProTrailer 4120T incl options deployed in the Oil Sands, North Alberta Canada

EFOY ProTrailer	4060T	4120T
Dimensions of the base trailer L x W	1.9 m x 1.3 m (76 in x 51 in)	1.9 m x 1.3 m (76 in x 51 in)
Height of Mast	1.8 – 7.3 m (6-24 ft)	1.8 – 7.3 m (6-24 ft)
Axel	Single, 1587 kg / 3500 Lb. Cap.	Single, 1587 kg 3500 Lb. Cap.
Jacks	Four, 907 kg / 2000 lb, Swivel, Stabilizer Jacks with Telescopic	Four, 907 kg / 2000 lb, Swivel, Stabilizer Jacks with Telescopic
Hitch Type	Pintle Ring	Pintle Ring
Enclosure	Metal, Nema 3 R Weatherproof	Metal, Nema 3 R Weatherproof

Hybrid Power Solution	4060T	4120T
Fuel Cell	EFOY Pro Fuel Cell 2400 Duo	EFOY Pro Fuel Cell 2400 Duo
Max. Power Output Fuel Cell	110 W	110 W
Min. Power Output Fuel Cell	80 W	80 W
Solar Panels (subject to design)	Up to 4 x 250 Wp	Up to 4 x 250 Wp
Solar Charge Controller	TriStar MPPT 45A or 60 A	TriStar MPPT 45A or 60 A
Solar Mounting	4 corner solar mast mounting	4 corner solar mast mounting
Nominal voltage	12 V or 24 V	12 V or 24 V
Temperature range	40 °F to +122 °F / -40 °C to +50 °C	40 °F to +122 °F / -40 °C to +50 °C
Certification	CSA 22.2 no. 14.05 Industrial Control Panel Specifications	CSA 22.2 no. 14.05 Industrial Control Panel Specifications

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Hybrid Power Solution	4060T	4120T
Number of EFOY Fuel Cartridges	max. 2 x M28	max. 4 x M28
Battery capacity @ 12 V / 24 V	2 batteries	4 batteries
DuoCartSwitch	n.a.	2
EFOY Remote Monitoring	TBox (optional)	TBox (optional)
Currents*		
Discharge current (const.) @ 12 V / 24 V	6.7 A / 3.3 A	6.7 A / 3.3 A
Peak current (max.) @ 12 V / 24 V	subject to design	subject to design

*Currents depend on integrated charge controller and fuel cell. Can be increased based on customer demand. Constant discharge current is limited by selected fuel cell.

Delivery content
<ul style="list-style-type: none"> • Trailer • Vertical Mast • EFOY Pro Fuel Cell 2400 Duo • Batteries* • Solar charge controller* • M28 Adapter • DuoCartSwitch (only in 4120T) • Spare tire
Not included in content of delivery
<ul style="list-style-type: none"> • M28 fuel cartridge • Solar Panels* (optional) • Remote Monitoring System (optional) • Mast coil cabling power distribution (optional)

* size as requested by customer based load and location requirements. Can be modified as required.

Fuel Cartridges	M28
Volume	7.4 gallons / 28 l
Weight	48.5 lbs / 22 kg
Dimensions D x W x H	14.6 x 11.2 x 15.6 inch 370 x 285 x 395 mm