

EFOY ProCabinet 4120S and 4120SX

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

EFOY ProCabinet for stationary applications in remote regions. The EFOY ProCabinet is a standardized hybrid power solution fully integrated in a NEMA 3R weatherproof enclosure. The power supply includes up to two EFOY Pro 800 Duo or EFOY Pro 2400 Duo fuel cells, four M28 fuel cartridges and based on customer needs solar panels, solar charger and batteries.

NEW: EFOY Pro 4120SX Cabinet: More space for your equipment with the extended cabinet.

- ⚡ High reliability & low maintenance
- ⚡ Easy installation
- ⚡ Long autonomy
- ⚡ Solar hybrid compatible



EFOY ProCabinet 4120SX and 6 x Solar Panel 260 Wp

EFOY ProCabinet	4120S	4120SX
Dimensions D x W x H	37 x 44 x 74 inch 951 x 1118 x 1880 mm	37 x 59 x 74 inch 951 x 1491 x 1880 mm
Weight (empty)	267 kg / 589 lbs	430 kg / 950 lbs
Housing	Metal Enclosure	Metal Enclosure
Housing color – Standard	Grey	Grey
IP-protection category	Nema 3 R Weatherproof	Nema 3 R Weatherproof
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 Industrial Control Panel Specifications	CSA 22.2 Industrial Control Panel Specifications
Configuration possibilities		
Compatible EFOY Pro Fuel Cells	EFOY Pro 800 Duo or 2400 Duo	EFOY Pro 800 Duo or 2400 Duo
Number of fuel cells	1 or 2	1 or 2
Number of EFOY Fuel Cartridges	max 4 x M28	max 4 x M28
Battery capacity @ 12 V / 24 V	4 batteries (max 4 x256 Ah)	4 batteries (max 4 x 256 Ah)
Solar charge controller	20 A – 60 A	20 A to 80 A
Additional space for customer equipment	Small devices for DIN rail mounting	Yes, in extended cabinet

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Currents*	1 x EFOY Pro Fuel Cell	2 x EFOY Pro Fuel Cell
Discharge current (const.) @ 12 V / 24 V	6.7 A / 3.3 A	13.4 A / 6.6 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 on customer demand. Constant discharge current is limited by selected fuel cell.

Standard delivery content
<ul style="list-style-type: none"> Solar charge controller* M28 Adapter
Not included in standard content of delivery
<ul style="list-style-type: none"> EFOY Pro fuel cell* Batteries* M28 fuel cartridge Solar Mounting

* size as requested by customer. Can be modified on customer demand.

Plugs / Slots	
Power OUT	Customer terminals on Din Rail
Solar IN	Customer terminals on Din Rail

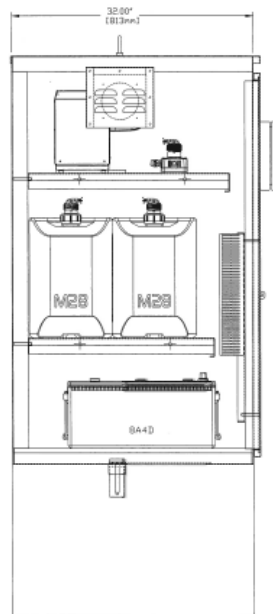
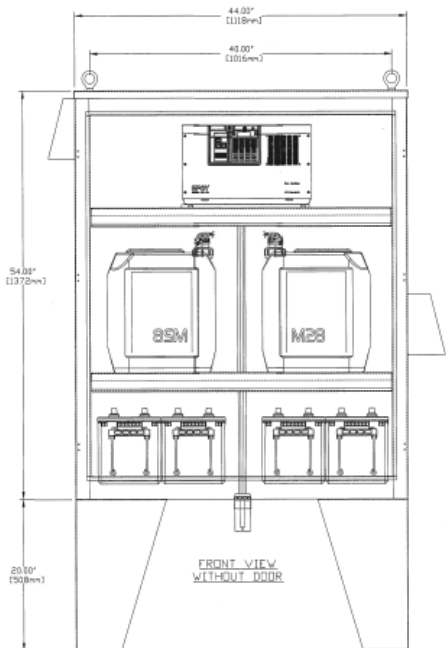
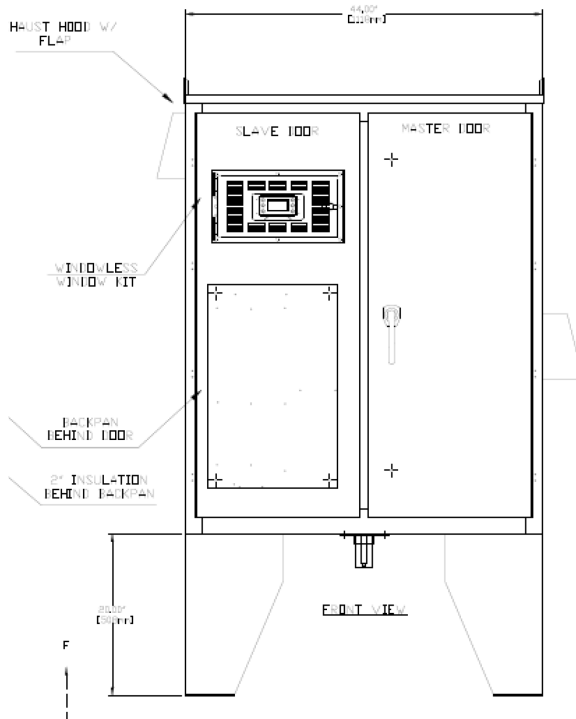
Available Options
<ul style="list-style-type: none"> EFOY Pro Remote Monitoring - Web interface EFOY Pro DuoCartSwitch EFOY Pro ClusterController Cathodic Protection Rectifiers SCADAPack

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EFOY ProCabinet 4120S



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EFOY ProCabinet 4120SX with two EFOY Pro fuel cells and extended enclosure

