
Datasheet OX Power **ENERGY B-OX-XS**

-  Hybride
-  Peakshaving
-  Off-grid



Mobile power made easy

The Energy B-OX XS is a compact and robust battery that delivers reliable power exactly where you need it. No hassle with noisy generators or complex connections. Easy to install and ready to use right away.

Versie 3.0 | 13 mei 2025

Features

General data	Energy B-OX-XS-8-16	Energy B-OX-XS-12-33
Grid voltage (50Hz)	230/400 VAC	
Nominal capacity	16.7 kWh	33,4 kWh
Nominal inverter power	8 kW	12KW
Nominal output current	11.6 A	17,4 A
Nominal 3 phase charging capability	8kW	12kW
Nominal load capacity 1 phase (optional)	1,8KW	
Current THD	< 3% (bij lineaire belasting <1.5%)	
Power Factor	1	
Standby consumption	<2 W (battery)	
Chemical battey composition	Lithium Iron Fosphate (LiFePO4)	
DC battery voltage	51.2 VDC	
Depth of Discharge (D.o.D.)	90%	
Protection	Overload, overheating, over/under voltage, insulation monitoring, ground fault AC and DC	
“Charge cycle maintenance” interval	2 weeks	
Operating temperature*	-20°C to 40°C	
Humidity	0 to 95% RH	
Maximum operating attitude	1000 mtr	
Cooling	Batteries passive, inverter active	
Life cycles (70% of rated capacity)	≥6000 cycli (0.5C/0.5C@25°C en 90% D.o.D.)	
Dimensions (L x W x H)	828 x 490 x 1154 mm	828 x 849 x 1154 mm
Weight	275 kg	425 kg
Capabilities	Hijsogen (Ø40mm) en voorziening voor verplaatsen met heftruck/palletwagen	
Veiligheid	EN/IEC 62109-1/2, IEC 62619, GB/T36276	
PGS	PGS 37-1	

*System is equipped with heating for loading below -5°C

Options

- OX Link (online dashboard en 3G/4G connection, GPS location)
- Available with 1 phase charger

