

Datasheet OX Power

ENERGY B-OX-XS

-  Hybride
-  Peakshaving
-  Off-grid



Mobile energy, wherever you need it

The Energy B-OX-XS is a compact and robust battery system that delivers emission-free power on site, even where no fixed grid connection or sufficient grid capacity is available. Easy to integrate and ready for immediate use, so machines and equipment keep running reliably.

Version 4.0 | juni 2026

Features

Mobile Energy B-OX-XS			
Types	B-OX-XS-8-16	B-OX-XS-12-33	B-OX-XS-20-33
Grid voltage (50Hz)	230/400 VAC		
Nominal capacity	16,7 kWh	33,4 kWh	33,4 kWh
Nominal inverter power	8 kW	12 kW	20 kW
Nominal output current	11,6 A	17,4 A	29 A
Nominal 3 phase charging capability	8 kW	12 kW	20 kW
Nominal charge capacity 1 phase	1,8 kW		
Power Factor	1		
Chemical battery chemistry	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 cycles (0.5C/0.5C@25°C and 90% D.o.D.)		
Dimensions (L x W x H)	828 x 490 x 1154 mm	828 x 849 x 1154 mm	828 x 512 x 1667 mm
Weight	240 kg	420 kg	420 kg
Transport options	Lifting eyes (Ø40mm) and handling provisions for forklift/pallet truck		
Safety	EN/IEC 62109-1/2, IEC 62619		

*System is equipped with heating for charging below 5°C

Options

- OX Link (online dashboard and 3G/4G connection, GPS location)



B-OX-XS-8-16



B-OX-XS-12-33



B-OX-XS-20-33

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