



Made in Holland

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# Datasheet OX Power **Mobile Energy B-OX-XL**



-  Off-grid
-  Modulair design
-  Peak shaving
-  Hybride applications

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MAKE THINGS WORK

Mobile Energy B-OX-XL			
Types	C5	C10	C20
Grid voltage (50Hz)	400 VAC	400 VAC	400 VAC
Nominal capacity	210 - 420 kWh	210 - 840 kWh	210 - 2100 kWh
Nominal inverter power	100 kVA	100 tot 200 kVA	100 tot 400 kVA
Nominal output current (AC)	145 A	145 - 290 A	145 - 580 A
Current THD	< 3% (at linear load <1.5%)		
Power Factor	-1 to 1, continuously adjustable		
Standby consumption	0,5% (<90W)		
AC connections			1x Powerlock IN (580A) 2x Powerlock OUT (580A) 1x CEE 400V 63A OUT 1x CEE type F 230V 16A OUT 1x grounding point
DC connections	Optionel: 1x CCS2 inlet (250A)		
Chemical battery composition	Lithium Iron Fosphate (LiFePO4)		
DC battery voltage	583-767 VDC		
Depth of Discharge (D.o.D.)	90% (80% with off-grid)		
Protection	Overload, overheating, over/undervoltage, insulation monitoring, AC and DC residual current fault		
Maintenance charge cycle interval	2 weeks		
Operating temperature	-20°C to 40°C		
Humidity	0 to 95% RH		
Maximum altitude	1000 m		
Cooling	Industrial air conditioning		
External communication	Modbus TCP		
Cycle life (70% of nominal capacity)	≥ 8000 cycles (0.5C/0.5C @ 25°C and 90% D.o.D.)		
Dimensions (L x W x H)	1600 x 2200 x 2445 mm	3000 x 2445 x 2590 mm	6050 x 2440 x 2459 mm
Weight	4000 kg (+/-500 kg)	8500 kg (+/-500 kg)	27400 kg (+/-1000 kg)
Transport options	Twist Locks at bottom		Twist Locks at bottom, hooklift system

	EV DC fast charger (DC powered)
Input voltage range (DC)	300 VDC - 825 VDC
Cable length	5 m
HMI	Via container HMI
Output voltage	30 - 1000V DC
Max. output current	500 A total
Max. continuous output current	2 x 250 A per CCS2 outlet
Max. total DC output power	360 kW
Connector	2 x CCS2 outlet

## Features

- Hooklift system
- Twist Lock system for connect
- Lifting options

## Options

- OX Link (online dashboard and 3G/4G connection, GPS location)
- Remote monitoring and control of your system
- Work lights
- Up to 2.1 MWh energy storage
- Multiple (CCS2) charging cables
- Various output connectors
- Fast charging AC/DC
- Custom corporate color and branding

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