



Made in Holland

Datasheet OX Power

Mobile Energy B-OX-M



-  Compact and lightweight
-  Modulair solution
-  Long battery life
-  Off-grid and hybrid applications
-  Plug and play

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MAKE THINGS WORK

Energy storage system Mobile Energy B-OX-M

Types	100	150
Grid voltage (50Hz)	400 VAC and 230 VAC	
Nominal capacity	33 - 100 kWh	83 - 150 kWh
Nominal inverter power	24 - 45 kVA (19.2 - 36 kW)	
Nominal output current (AC.)	30 - 53 A	
Chemical battery composition	Lithium ijzer Fosfaat (LiFePO ₄)	
DC battery voltage	51.2 VDC	
Depth of Discharge (D.o.D.)	90%	
Protection	Overload, overheating, over/under voltage, ground fault AC and DC	
Operating temperature	-20°C - 60°C	
Humidity (non-condensing)	0 tot 95% RH	
Cooling	Air cooling	
External communication	Ethernet/RS485	
Life cycles (70% of rated capacity)	≥6000 cycli (0.5C/0.5C@25°C)	
Protection rating	IP55	
Maximum operating attitude	<2000 m	
Dimensions (L x W x H)	1644 x 964 x 1645 mm	1644 x 964 x 2029 mm
Weight	770 - 1475 kg	1240-1850 kg
Grid connection	EN 50549-1	
Safety	EN-IEC 60335-1, EN-IEC 60335-2-29, EN-IEC 62109-1	
Others	EN 55014-1, EN 55014-2, EN-IEC 61000-3-2, EN-IEC 61000-3-3, IEC 61000-6-1, IEC 61000-6-2, IEC 61000-6-3	

Key features

- Off-grid, peak shaving and hybrid applications
- Modular design in power output and battery capacity
- Flexible usable, easy to install

Configuration

- Different options in AC-in and AC-out connections
- Connection to PV-system (solar)
- Link with external (emergency) generator
- Remote monitoring

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