

BF100

Commercial battery cabinet

The BF100 is a DC-coupled battery cabinet for commercial and industrial energy storage. With the capacity of 71, 86, 100 kWh it can seamlessly work with Autarco hybrid inverters to achieve high flexibility on the DC side. With the special premanufactured holds, hybrid inverters can be conveniently placed on the side of the battery cabinet.

- + Compatible with LQH and XLH series
- + Up to 200kWh storage with XLH series (thanks to 2 independent battery inputs)
- + 0.5 C charging rate
- + 6000 cycles*
- + Fire propagation tested according to EN 62619
- + Integrated fire extinguishing system



General characteristics

Dimensions (W x H x D)	725 x 2258 x 1200 mm
Net Weight	1400 kg (for 100 kWh version)
Battery type	LFP (LiFePO ₄)
Max. site altitude	3000m (derating above 2000m)
IP protection class	IP55
Anti-corrosion	C3
Cooling principle	Air cooling
Warranty	5 years **
Display	Touchscreen
Communication interfaces	Ethernet/RS485/CAN/USB
Cycle life	6000 cycles / 80% EOL (25°C, 100% DOD, 0.5P)
Operating temperature range	-20°C to +50°C
Relative humidity range	0% to 95%
Noise	<70dB
System round-trip efficiency	93%



Battery technical specifications

System capacity (kWh)	71 kWh	86kWh	100kWh
Cell capacity (Ah)	280	280	280
Module configuration	1P16S	1P16S	1P16S
Battery packs	5 per cabinet	6 per cabinet	7 per cabinet
Voltage range (V)	232-288	279-345	325-403
Rated current (A)	140 (0.5C)	140 (0.5C)	140 (0.5C)
Max current (A)	160	160	160

* At 25C and 100% DOD with 1h between the cycles

** Please see the warranty document for detailed information about the scope of the 5 year warranty