DATASHEET
LOW VOLTAGE BATTERIES
LV5200



FOX LV5200
LOW VOLTAGE BATTERIES

Long Life
Rated life span of more than 6000 cycles.

Expandable
Storage capacity is expandable to 20.48kWh.

High Efficiency
98% charge/discharge efficiency.

Easy Installation
Easy, plug and play installation.

Low Voltage | Easy Installation | High Efficiency | Expandable System | 90% DoD

The LV5200 are high-performance, scalable, low-voltage battery storage modules.

- 98% Charge/Discharge Efficiency
- 90% Depth of Discharge
- Wide Temperature Tolerance
- Easy Installation
- >6000 Life Cycles
- CAN/RS485 Communication
- Low Voltage



FOX LV5200
BATTERY MODULES

SPECIFIC ATIONS	LV5200
Nominal Calapcity (kWh)	5.12
Nominal Voltage (V)	51.2
Operating Voltage Range (V)	43.2 - 57.6
Depth of Discharge (%)	90
Roundtrip Efficiency (%)	>99%
Nominal Charge Current (A)	100
Nominal Discharge Current (A)	100
Max. Charge Current (A) (30s)	105
Max. Discharge Current (A) (30s)	150
Charge/Discharge Efficency (%)	98%
Operating Temperature (° C)	-10 - 50° C
Storage Temperature (° C)	-20 - 60° C
Humidity (%)	4% to 100% condensing
Protection Level	IP21
Cycle Life	⩾6000
Safety	CE, RCM, TUV (IEC62619) UL1973, ROHS
EMC	IEC-61000-6-1/3
UN Number	UN3840
Weight (kg)	49
Dimensions (H*W*D) (mm)	600*342*207