



# Fox ESS LV5200

## LOW VOLTAGE BATTERIES



### Long Life

Rated life span of more than 6000 cycles



### Expandable

Storage capacity is expandable to 61.44kWh



### 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.

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



# Fox ESS LV5200

## BATTERY MODULES

### SPECIFICATIONS

Battery Type	LiFePO4 Prismatic Cell
Nominal Capacity [Wh]	5120
Nominal Voltage [V]	51.2
Operating Voltage [V]	43.2 ~ 57.6
Recommend Discharge Current [A]	50
Max.Charge/Discharge Current [A]	100
Peak Discharge Current [A]	150 @30sec
Battery Pack Round-Trip Efficiency [%]	>95
Depth of Discharge [%]	90
Cycle Life* <sup>1</sup>	≥6000
Communication	CAN, RS485
Display	LED*5
Scalability	Max. 12 Modules in Parallel
Installation Location	Indoor (Stand)
Operating Temperature [°C]* <sup>2</sup>	Charge: 0 ~ 55 Discharge: -15 ~ 55
Storage Temperature [°C]	-20 ~ 55
Cooling Method	Natural Convection
Humidity [%]	5 ~ 85 (No Condensing)
Altitude [m]	Max. 2,000
Dimensions (W*H*D) [mm]	342 * 600 * 207
Weight [kg]	49
Safety	IIEC62619
EMC	IEC61000-6-2/4
Transportation	UN38.3
Ingress Protection	IP21

\*1, 25°C, @90% DOD, 0.5C charging/discharging.

\*2, Charge derating will occur between 0°C and +15°C.