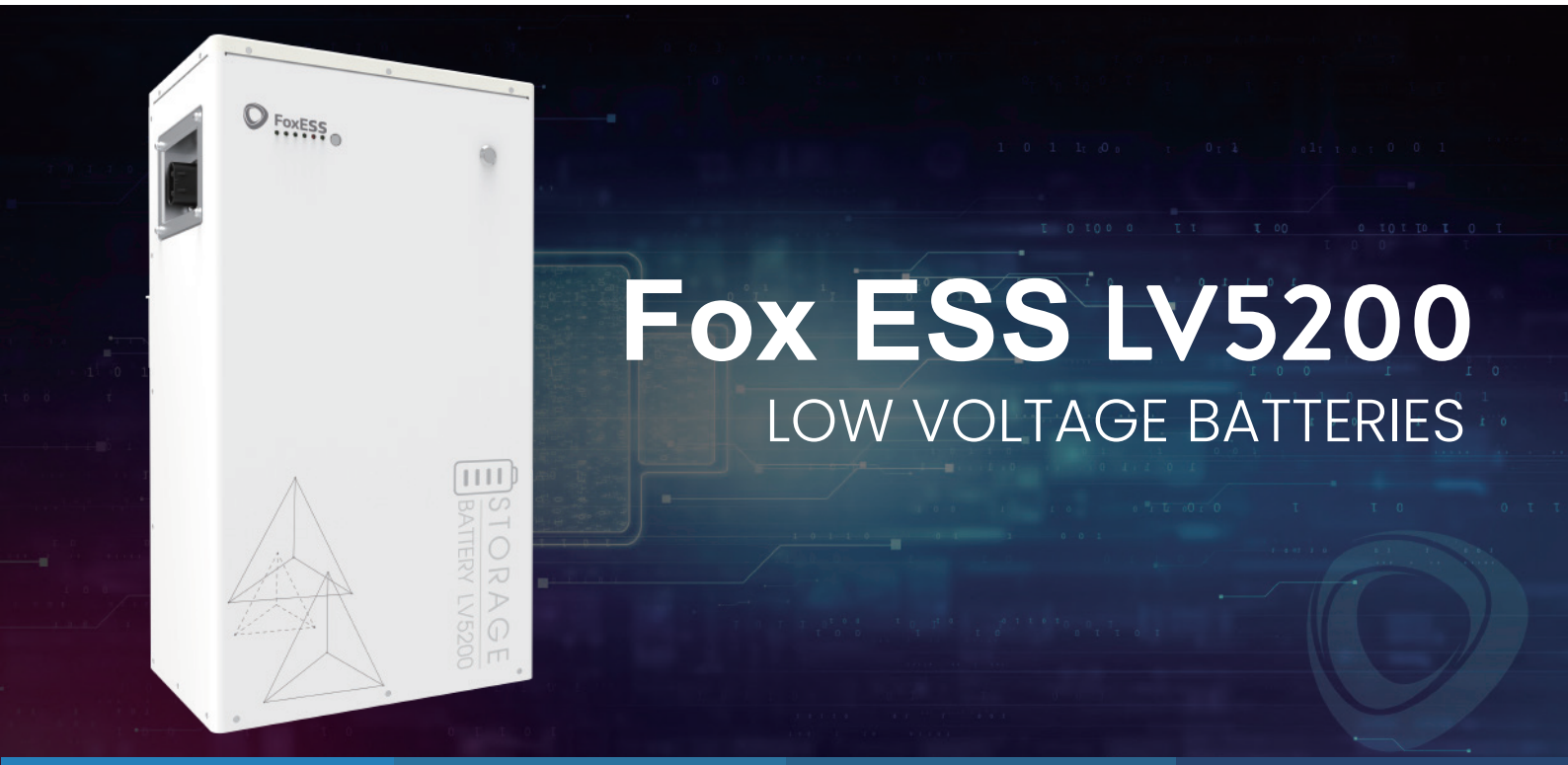
DATASHEET
LOW VOLTAGE BATTERIES
LV5200



Fox ESS LV5200

LOW VOLTAGE BATTERIES

Long Life
Rated life span of more than 6000 cycles

Expandable
Storage capacity is expandable to 61.44Wh

High Efficiency
98% charge/discharge effciency

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*1	≥6000
Communication	CAN, RS485
Display	LED*5
Scalability	Max. 12 Modules in Parallel
Installation Location	Indoor (Stand)
Operating Temperature [°C]*2	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.