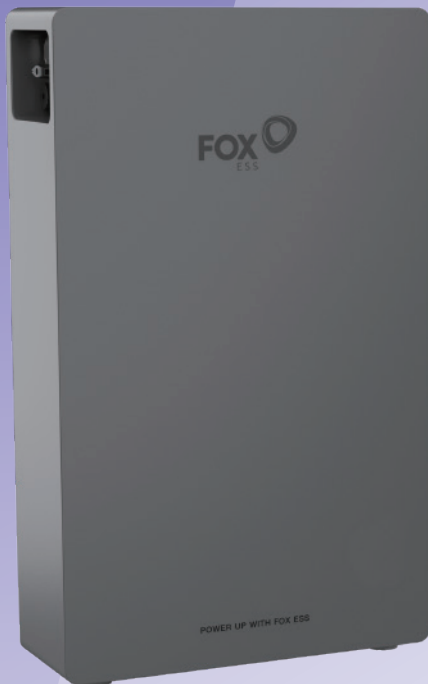


EP5

HIGH VOLTAGE STORAGE BATTERY

The EP5 is a high-performance, scalable battery storage system. Its modular design allows for maximum flexibility, making it suitable for a broad range of storage applications. Additional batteries can be installed in parallel allowing for a maximum storage capacity of 20.8kWh.



- Scalable to 20.8kWh
- 90% Depth of Discharge
- Floor or Wall Mounting
- Compact & Easy Installation
- IP65 Protection Level



**HIGH
VOLTAGE**



**EASY
INSTALLATION**



**HIGH
EFFICIENCY**



**EXPANDABLE
SYSTEM**



**90%
DOD**



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TECHNICAL SPECIFICATIONS

SYSTEM NAME		EP5
ELECTRICAL CHARACTERISTICS		
Battery Type	LFP (LiFePO ₄)	
Nominal Energy [kWh]	5.18	
Nominal Voltage [V]	192.0	
Operating Voltage [V]	174.0 ~ 219.0	
Max. Charge/Discharge Current [A] ^{*1}	27	
Recommend Charge Current [A]	13.5	
Peak Discharge Current [A]	65 @60s	
Peak Charge Current [A]	32.4 @5s	
Battery Pack Round-Trip Efficiency [%] ^{*2}	≥95	
Depth of Discharge [%]	90	
Communication	CAN	
Display	LED*5	
Scalability	Max. 4 Units in Parallel	
OPERATING CONDITIONS		
Installation Location	Outdoor/ Indoor	
Operating Temperature [°C] ^{*3}	Charge: 0 ~ 55, Discharge: -10 ~ 55	
Operating Temperature [°C] (warm up function on, optional)	Charge: -25 ~ 55, Discharge: -25 ~ 55	
Storage Temperature [°C]	0 ~ 35	
Cooling Method	Natural Convection	
Humidity [%]	5 ~ 95 (No Condensation)	
Altitude [m]	Max. 3,000	
PROTECTION		
Fire Protection Function	YES	
MECHANICAL CHARACTERISTICS		
Dimensions (W*H*D) [mm]	380*625*147	
Weight [kg] (±5%)	50.5	
Cell Net Weight [kg] (±5%)	33.6	
CERTIFICATES		
Safety	IEC62619	
EMC	EN IEC 61000-6-1/2/3/4	
Transportation	UN38.3	
Ingress Protection	IP65	

*1 The current is affected by temperature, cell voltage and SOC.

*2 @25°C, 0.3C charging/discharging.

*3 Charge and discharge power reduction applies at low temperatures.