



EP11

HIGH VOLTAGE STORAGE BATTERY



- Scalable to 41.6kWh
- 100% Depth of Discharge
- Floor or Wall Mounting
- Compact & Easy Installation
- IP65 Protection Level
- High Voltage and High Efficiency



SAFETY
RELIABLE



EASY
INSTALLATION



HIGH
EFFICIENCY



EXPANDABLE
SYSTEM



100%
DOD

The EP11 is a high-performance, scalable battery storage system, 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 41.6kWh.



For more information about the Fox ESS range, visit:
www.fox-ess.com



TECHNICAL SPECIFICATIONS

SYSTEM NAME		EP11
ELECTRICAL CHARACTERISTICS		
Battery Type	FP (LiFePO ₄)	
Nominal Energy [kWh]	10.36	
Usable Capacity [kWh]	10.36	
Nominal Voltage [V]	384	
Nominal Power [W]	10368	
Operating Voltage [V]	348 ~ 438	
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 [%]	≥95	
Depth of Discharge [%]	100	
Communication	CAN	
Display	LED*5	
Scalability	Max. 4 Units in Parallel	
OPERATING CONDITIONS		
Installation Location	Outdoor/ Indoor	
Operating Temperature [°C]	Charge: 0 ~ 55, Discharge: -10 ~ 55	
Storage Temperature [°C]	0 ~ 35	
Cooling Method	Natural Convection	
Humidity [%]	5 ~ 95 (No Condensation)	
Altitude [m]	Max. 3,000	
MECHANICAL CHARACTERISTICS		
Dimensions (W*H*D) [mm]	710*625*147	
Weight [kg]	99±2	
CERTIFICATES		
Safety	IEC62619	
EMC	EN IEC 61000-6-1/3	
Transportation	UN38.3	
Ingress Protection	IP65	
MANUFACTURE		
Country of Manufacture	China	

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