

Fox ESS EK11

HIGH VOLTAGE STORAGE BATTERY
From Fox ESS



The EK11 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.

- Scalable to 41.6 kWh
- 90% 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**



**90%
DoD**

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HIGH VOLTAGE STORAGE BATTERY

SYSTEM NAME		EK11
ELECTRICAL CHARACTERISTICS		
Compatible PCS	All Series of H1, KH, H3, H3-Pro, US	
Battery Type	LifePO4 Prismatic Cell	
Nominal Energy [kWh]	10.36	
Nominal Voltage [V]	384	
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 [%]	90	
Cycle Life	≥5000	
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 Condensing)	
Altitude [m]	Max. 2,000	
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	

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