

Fox ESS EP11

INTEGRATED WITH HEATING FUNCTION



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.

- Scalable to 41.6 kWh
- 90% Depth of Discharge
- Floor or Wall Mounting
- Compact & Easy Installation
- IP65 Protection Level
- High Voltage and High Efficiency



Battery Heating



Safety Reliable



Easy Installation



High Efficiency



Expandable System



90% DoD

Fox ESS EP11

HIGH VOLTAGE STORAGE BATTERY

SYSTEM NAME		EP11	
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	≥4000		
Communication	CAN		
Display	LED*5		
Scalability	Max. 4 Units in Parallel		
OPERATING CONDITIONS			
Installation Location	Outdoor/ Indoor		
Operating Temperature [°C]	Warming deactivated:	Charge: 0 ~ 55 Discharge: -10 ~ 55	Warming activated: Charge: -25 ~ 55 Discharge: -25 ~ 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.