

HIGH VOLTAGE STORAGE BATTERY  
From Fox ESS

Fox ESS EP5/11



The EP5/11 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 20.8/41.6kwh.

- Scalable to 20.8/41.6 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**

# Fox ESS EP5/11

HIGH VOLTAGE STORAGE BATTERY

SYSTEM NAME	EP5	EPI1
<strong>ELECTRICAL CHARACTERISTICS</strong>		
Compatible PCS	All Series of KH, H1, H3, H3-Pro	
Module Quantity Per System	Max 4 Parallel	
Cell Chemistry	LFP	
Nominal Capacity [Ah]	27	
Usable Energy [kWh]	5.02	10.07
Max.Charge/Discharge Current [A] <sup>*1</sup>	27	
Recommend Charge Current [A]	13.5	
Nominal Voltage [V]	192	384
Nominal Energy [kWh]	5.18	10.36
Operating Voltage [V]	174.0 ~ 218.4	348.0 ~ 436.8
Usable Capacity [Ah]	26.19	26.19
Peak Discharge Current [A]	65 @30s	
Peak Charge Current [A]	32.4 @5s	
Depth of Discharge [%]	90	
Cycle Life <sup>*2</sup>	≥6000	
Communication	CAN	
<strong>OPERATING CONDITIONS</strong>		
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	
<strong>MECHANICAL CHARACTERISTICS</strong>		
Dimensions (W*H*D) [mm]	380*625*147	710*625*147
Weight [kg]	50.5	99
<strong>CERTIFICATES</strong>		
Certification	Cell: UN38.3, IEC62109 System: IEC62619/CE-LVD/UN38.3	
EMC	IEC 61000-6-1/2/3/4	
Environment	ROHS, Reach, WEEE	
Ingress Protection	IP65	
<strong>WARRANTY</strong>		
Standard Warranty [year] <sup>*3</sup>	5	

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

\*2, @25C, @70% SOH, @90% DOD, 0.3C charging/discharging;

\*3, Refer to Fox ESS battery warranty terms and conditions.