

## 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	EP11
ELECTRICAL CHARACTERISTICS		
Compatible PCS	All Series of KH, HI, 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	≥6000	
Communication	CAN	
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]	380*625*147	710*625*147
Weight [kg]	50.5	99
CERTIFICATES		
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	
WARRANTY		
Standard Warranty [year]	10	

<sup>\*1</sup>, The current is affected by temperature, cell voltage and SOC;  
<sup>\*2</sup>,Refer to Fox ESS battery warranty terms and conditions.