



IP66 RATED



EPS FUNCTION



-20°C ~ 55°C



95% DOD



Powered by Fox ESS

DATASHEET

ET16

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 61.44kWh.

ET16



HIGH VOLTAGE STORAGE BATTERY

- Scalable to 61.44kWh
- 95% Depth of Discharge
- Floor or Wall Mounting
- Compact & Easy Installation
- High Voltage and High Efficiency



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

TECHNICAL SPECIFICATIONS

SYSTEM NAME		ET16
ELECTRICAL CHARACTERISTICS		
Battery Type	LFP (LiFePO ₄)	
Nominal Energy [kWh]	15.36	
Nominal Voltage [V]	204.8	
Operating Voltage [V]	185.6 ~ 233.6	
Max.Charge/Discharge Current [A] ^{*1}	50	
Recommend Charge Current [A]	25	
Peak Discharge Current [A]	65A@60S	
Battery Pack Round-Trip Efficiency [%] ^{*2}	≥95	
Depth of Discharge [%]	95	
Communication	CAN	
Display	LED*5	
Scalability	Max. 4 Units in Parallel	
OPERATING CONDITIONS		
Installation Location	Outdoor/ Indoor	
Operating Temperature [°C]	-20 ~ 55	
Operating Temperature [°C] (warm up function on, optional)	-25 ~ 55	
Storage Temperature [°C]	0 ~ 35	
Cooling Method	Natural Convection	
Humidity [%]	5 ~ 95 (No Condensation)	
Altitude [m]	Max. 4,000	
PROTECTION		
Fire Protection Function	YES	
MECHANICAL CHARACTERISTICS		
Dimensions (W*H*D) [mm] ^{*3}	625*770*218	
Weight [kg]	123.7	
CERTIFICATES		
Safety	IEC62619	
EMC	EN IEC 61000-6-1:2019, EN IEC 61000-6-2:2019, EN IEC 61000-6-4:2019, EN IEC 61000-6-3:2021, IEC 62920:2017	
Transportation	UN38.3	
Ingress Protection	IP66	
Protective Class	Class I	

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

*2, @25°C, 0.2C charging/discharging.

*3, Dimensions exclude glass panel