

Fox ESS EQ BATTERY STORAGE SYSTEM



HIGH VOLTAGE BATTERY FROM Fox ESS

The EQ is a high-performance, scalable battery storage system. The modular design allows for maximum flexibility, making it suitable for a broad range of storage applications.

Additional batteries can be installed in series, allowing for a maximum storage capacity of 41.93kWh. Installation is easy, with a plug and play solution that can save valuable time for installers.



- 5.99kWh capacity
- Scalable to 41.93kWh
- 90% Depth of Discharge
- Large temperature tolerance
- Easy installation
- CAN communication
- High voltage



**High
Voltage**



**Simple
Installation**



**High
Efficiency**



**Expandable
System**



**90%
DoD**

Model	EQ6000 Plus -L2	EQ6000 Plus -L3	EQ6000 Plus -L4	EQ6000 Plus -L5	EQ6000 Plus -L6	EQ6000 Plus -L7
ELECTRICAL CHARACTERISTICS						
Battery Type	LiFePO4 Prismatic Cell					
Battery Module	1*EQ6000 Plus-M 1*EQ6000 Plus-S	1*EQ6000 Plus-M 2*EQ6000 Plus-S	1*EQ6000 Plus-M 3*EQ6000 Plus-S	1*EQ6000 Plus-M 4*EQ6000 Plus-S	1*EQ6000 Plus-M 5*EQ6000 Plus-S	1*EQ6000 Plus-M 6*EQ6000 Plus-S
Nominal Capacity [kWh]	11.98	17.97	23.96	29.95	35.94	41.93
Nominal Voltage [V]	115.2	172.8	230.4	288.0	345.6	403.2
Operating Voltage [V]	104.4 ~ 131.4	156.6 ~ 197.1	208.8 ~ 262.8	261.0 ~ 328.5	313.2 ~ 394.2	365.4 ~ 459.9
Recommend Discharge Current [A]	30					
Max. Charge/Discharge Current [A]	50					
Peak Discharge Current [A]	65 @60sec					
Battery Pack Round-Trip Efficiency [%]	>95					
Depth of discharge [%]	90					
Cycle Life*1	≥6000					
Communication	CAN					
Display	CS: LED*1, CM: LED*6					
Scalability	Max. 7 Modules in Series					
OPERATING CONDITIONS						
Installation Location	Outdoor/ Indoor (Stand)					
Operating Temperature [°C]*2	Charge: 0 ~ 55 Discharge: -10 ~ 55					
Storage Temperature [°C]	-10 ~ 40					
Cooling method	Natural Convection					
Humidity [%]	5 ~ 95 (No Condensing)					
Altitude [m]	Max. 2,000					
MECHANICAL CHARACTERISTICS						
Dimensions (W*H*D) [mm]	660*420*360	660*575*360	660*730*360	660*885*360	660*1040*360	660*1195*360
Weight [kg]	111.2	161.2	211.2	261.2	311.2	361.2
CERTIFICATES						
Safety	IEC 62619					
EMC	IEC 61000-6-1/2/3/4					
Transportation	UN38.3					
Ingress Protection	IP65					

*1, 25°C, @90% DOD, 0.3C charging/discharging.

*2, Charge derating will occur between 0°C and +15°C.

