FOX ESS

DATASHEET

EQ7000 Plus

HIGH VOLTAGE STORAGE BATTERY

- 6.60kWh capacity
- Scalable to 33.00kWh
- 90% Depth of Discharge
- Large temperature tolerance
- CAN communication

HIGH VOLTAGE

EASY INSTALLATION

HIGH EFFICIENCY

EXPANDABLE SYSTEM

90% DOD

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 33.00kWh. Installation is easy, with a plug and play solution that can save valuable time for installers.

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

TECHNICAL SPECIFICATIONS

MODEL	EQ7000 Plus -L2	EQ7000 Plus -L3	EQ7000 Plus -L4	EQ7000 Plus -L5
ELECTRICAL CHARACTERISTICS				
Battery Type	LFP ($LiFePO_4$)			
Battery Module	1*EQ7000 Plus-M 1*EQ7000 Plus-S	1*EQ7000 Plus-M 2*EQ7000 Plus-S	1*EQ7000 Plus-M 3*EQ7000 Plus-S	1*EQ7000 Plus-M 4*EQ7000 Plus-S
Nominal Capacity [kWh]	13.20	19.80	26.40	33.00
Nominal Voltage [V]	153.6	230.4	307.2	384.0
Operating Voltage [V]	139.2 ~ 175.2	208.8 ~ 262.8	278.4 ~ 350.4	348.0 ~ 438.0
Recommend Discharge Current [A]	43			
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	EQ7000 Plus-S: LED*1, EQ7000 Plus-M: LED*6			
Scalability	Max. 5 Modules in Series			
OPERATING CONDITIONS				
Installation Location	Outdoor/ Indoor (Stand)			
Operating Temperature [°C][*2]	Charge: 0 ~ 55 Discharge: -10 ~ 55			
Storage Temperature [°C]	-10 ~ 50			
Cooling method	Natural Convection			
Humidity [%]	5 ~ 95 (No Condensation)			
Altitude [m]	Max. 3,000			
MECHANICAL CHARACTERISTICS				
Dimensions (W*H*D) [mm]	660*420*360	660*575*360	660*730*360	660*885*360
Weight [kg]	115.8	171.3	226.8	282.3
CERTIFICATES				
Safety	IEC 62619			
EMC	IEC 61000-6-1/2/3/4			
Transportation	UN38.3			
Ingress Protection	IP65			

*1, @25°C, @90% DOD, 0.5C charging/discharging.

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