



ONLY FOR AIO APPLICATION

# AIO EQ4000

HIGH VOLTAGE STORAGE BATTERY



- 3.97kWh capacity
- Scalable to 27.80kWh
- 90% Depth of Discharge
- Large temperature tolerance
- CAN communication
- Voltage Range up to 459.9V



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 27.80kWh. 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:  
[us.fox-ess.com](http://us.fox-ess.com)



## TECHNICAL SPECIFICATIONS

MODEL	EQ4000-AL2	EQ4000-AL3	EQ4000-AL4	EQ4000-AL5
<b>ELECTRICAL CHARACTERISTICS</b>				
Battery Type	LiFePO4 Prismatic Cell			
Battery Module	2*CS4000	3*CS4000	4*CS4000	5*CS4000
Nominal Capacity [kWh]	7.95	11.92	15.9	19.87
Nominal Voltage [V]	115.2	172.8	230.4	288
Operating Voltage [V]	97.2 ~ 131.4	145.8 ~ 197.1	194.4 ~ 262.8	243 ~ 328.5
Max. Charge / Discharge Current [A]	50			
Peak Discharge Current [A]	65 @60sec			
Round-trip Efficiency [%]	>95			
Depth of Discharge [%]	90			
Communication	CAN			
Scalability	Max. 5 Modules in Series			
<b>OPERATING CONDITIONS</b>				
Installation Location	Outdoor / Indoor (Stand)			
Operating Temperature [°C / °F]	-10 ~ 55 / 14 ~ 131			
Storage Temperature [°C / °F]	-20 ~ 55 / -4 ~ 131			
Cooling Method	Natural Convection			
Humidity [%]	0 ~ 100 (No Condensing)			
Altitude [m / ft]	Max. 2,000 / 6,560			
<b>MECHANICAL CHARACTERISTICS</b>				
Dimensions[W*H*D][mm]	570*330*380	570*420*380	570*540*380	570*660*380
Dimensions[W*H*D][inch]	22.4*13.0*15.0	22.4*16.5*15.0	22.4*21.3*15.0	22.4*26.0*15.0
Weight [kg/ lbs]	71.5 / 157.6	106.5 / 234.8	141.5 / 312	176.5 / 389.1
<b>CERTIFICATES</b>				
Safety	UL1973, UL9540, UL9540A			
Transportation	UN38.3			
Ingress Protection	IP65			
<b>WARRANTY</b>				
Standard Warranty [year]	Standard 12.5 years*1			

\*1 Refer to Fox ESS Battery Warranty Terms and Conditions.

