



# EQ2900

HIGH VOLTAGE STORAGE BATTERY



- 2.88kWh capacity
- Scalable to 20.16kWh
- 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 20.16kWh. 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](http://www.fox-ess.com)



## TECHNICAL SPECIFICATIONS

MODEL	EQ2900 -L2	EQ2900 -L3	EQ2900 -L4	EQ2900 -L5	EQ2900 -L6	EQ2900 -L7
<b>ELECTRICAL CHARACTERISTICS</b>						
Battery Type	LiFePO4 Prismatic Cell					
Battery Module	1*EQ2900-M 1*EQ2900-S	1*EQ2900-M 2*EQ2900-S	1*EQ2900-M 3*EQ2900-S	1*EQ2900-M 4*EQ2900-S	1*EQ2900-M 5*EQ2900-S	1*EQ2900-M 6*EQ2900-S
Nominal Capacity [Wh]	5760	8640	11520	14400	17280	20160
Nominal Voltage [V]	115.2	172.8	230.4	288	345.6	403.2
Operating Voltage [V]	97.2 ~ 131.4	145.8 ~ 197.1	194.4 ~ 262.8	243 ~ 328.5	291.6 ~ 394.2	340.2 ~ 459.9
Recommend Discharge Current [A]	25					
Max. Charge/Discharge Current [A]	50					
Peak Discharge Current [A]	65 @60sec					
Battery Pack Round-Trip Efficiency [%]	>95					
Depth of discharge [%]	90					
Cycle Life**	≥6000					
Communication	CAN					
Display	CS: LED*1, CM: LED*6					
Scalability	Max. 7 Modules in Series					
<b>OPERATING CONDITIONS</b>						
Installation Location	Outdoor/ Indoor (Stand)					
Operating Temperature [°C]**	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					
<b>MECHANICAL CHARACTERISTICS</b>						
Dimensions (W*H*D) [mm]	570*350*380	570*470*380	570*590*380	570*710*380	570*830*380	570*950*380
Weight [kg]	71.1	102.9	134.7	166.5	198.3	230.1
<b>CERTIFICATES</b>						
Safety	IEC 62619					
EMC	EN 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.

