



EQ4300

HIGH VOLTAGE STORAGE BATTERY



- 4.32kWh capacity
- Scalable to 30.24kWh
- 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 30.24kWh. 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	EQ4300 -L2	EQ4300 -L3	EQ4300 -L4	EQ4300 -L5	EQ4300 -L6	EQ4300 -L7
ELECTRICAL CHARACTERISTICS						
Battery Type	LiFePO ₄ Prismatic Cell					
Battery Module	1*EQ4300-M 1*EQ4300-S	1*EQ4300-M 2*EQ4300-S	1*EQ4300-M 3*EQ4300-S	1*EQ4300-M 4*EQ4300-S	1*EQ4300-M 5*EQ4300-S	1*EQ4300-M 6*EQ4300-S
Nominal Capacity [Wh]	8640	12960	17280	21600	25920	30240
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]	37.5					
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] ^{**}	Charge: 0 ~ 55 Discharge: -10 ~ 55					
Storage Temperature [°C]	-10 ~ 40					
Cooling method	Natural Convection					
Humidity [%]	5 ~ 95 (No Condensing)					
Altitude [m]	Max. 3,000					
MECHANICAL CHARACTERISTICS						
Dimensions (W*H*D) [mm]	570*368*380	570*506*380	570*644*380	570*782*380	570*920*380	570*1058*380
Weight [kg]	78.5	115.5	152.5	189.5	226.5	263.5
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.

