



EQ3300

HIGH VOLTAGE STORAGE BATTERY



- 3.20kWh capacity
- Scalable to 19.20kWh
- 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 19.20kWh. 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	EQ3300 -L2	EQ3300 -L3	EQ3300 -L4	EQ3300 -L5	EQ3300 -L6
ELECTRICAL CHARACTERISTICS					
Battery Type	LFP (LiFePO ₄)				
Battery Module	1*EQ3300-M 1*EQ3300-S	1*EQ3300-M 2*EQ3300-S	1*EQ3300-M 3*EQ3300-S	1*EQ3300-M 4*EQ3300-S	1*EQ3300-M 5*EQ3300-S
Nominal Capacity [kWh]	6.4	9.6	12.8	16.0	19.2
Nominal Voltage [V]	128	192	256	320	384
Operating Voltage [V]	116 ~ 146	174 ~ 219	232 ~ 292	290 ~ 365	348 ~ 438
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	EQ3300-S: LED*1, EQ3300-M: LED*6				
Scalability	Max. 6 Modules in Series				
OPERATING CONDITIONS					
Installation Location	Outdoor/ Indoor				
Operating Temperature [°C]**	Charge: 0 ~ 55, Discharge: -10 ~ 55				
Operating Temperature [°C] (warm up function on, optional)	Charge: -25 ~ 55, Discharge: -25 ~ 55				
Storage Temperature [°C]	-10 ~ 40				
Cooling Method	Natural Convection				
Humidity [%]	5 ~ 95 (No Condensation)				
Altitude [m]	Max. 3,000				
PROTECTION					
Fire Protection Function	YES				
MECHANICAL CHARACTERISTICS					
Dimensions (W*H*D) [mm]	570*375*380	570*510*380	570*645*380	570*780*380	570*915*380
Weight [kg]	82.2	118.2	154.2	190.2	226.2
CERTIFICATES					
Safety	IEC 62619				
EMC	IEC 61000-6-1/2/3/4				
Transportation	UN38.3				
Ingress Protection	IP65				

*1, @25°C, @90% DOD, 0.5C charging/discharging.
*2, Charge derating will occur between 0°C and +15°C.