



EQ5500

HIGH VOLTAGE STORAGE BATTERY



- 5.46kWh capacity
- Scalable to 49.14kWh
- 100% Depth of Discharge
- Large temperature tolerance
- CAN communication



HIGH
VOLTAGE



EASY
INSTALLATION



HIGH
EFFICIENCY



EXPANDABLE
SYSTEM



100%
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.



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



TECHNICAL SPECIFICATIONS

MODEL	EQ5500 -L2	EQ5500 -L3	EQ5500 -L4	EQ5500 -L5	EQ5500 -L6	EQ5500 -L7	EQ5500 -L8	EQ5500 -L9
ELECTRICAL CHARACTERISTICS								
Battery Type	LFP (LiFePO ₄)							
Battery Module	1*EQ5500-M 1*EQ5500-S	1*EQ5500-M 2*EQ5500-S	1*EQ5500-M 3*EQ5500-S	1*EQ5500-M 4*EQ5500-S	1*EQ5500-M 5*EQ5500-S	1*EQ5500-M 6*EQ5500-S	1*EQ5500-M 7*EQ5500-S	1*EQ5500-M 8*EQ5500-S
Nominal Voltage [V]	89.6	134.4	179.2	224.0	268.8	313.6	358.4	403.2
Nominal Power [kW]	4.48	6.72	8.96	11.20	13.44	15.68	17.92	20.16
Nominal Energy [kWh]	10.92	16.38	21.84	27.30	32.76	38.22	43.68	49.14
Usable Capacity [kWh]	10.92	16.38	21.84	27.30	32.76	38.22	43.68	49.14
Operating Voltage[V]	81.2 ~ 102.2	121.8 ~ 153.3	162.4 ~ 204.4	203.0 ~ 255.5	243.6 ~ 306.6	284.2 ~ 357.7	324.8 ~ 408.8	365.4 ~ 459.9
Nominal Capacity [Ah]	122							
Recommend Charge/Discharge Current [A]	50							
Max. Charge/Discharge Current [A] ^{*1}	50							
Peak Discharge Current (60S) [A]	65							
Battery Pack Round-Trip Efficiency [%]	>95							
Depth Of Discharge [%]	100							
Communication	CAN							
Display	EQ5500-S: LED*1, EQ5500-M: LED*6							
Scalability	Max. 9 Modules in Series							
OPERATING CONDITIONS								
Installation Location	Outdoor/ Indoor (Floor Mount)							
Operating Temperature [°C]	Charge: 0 ~ 55, Discharge: -10 ~ 55							
Storage Temperature [°C]	-10 ~ 35							
Cooling Method	Natural Convection							
Humidity [%]	5 ~ 95 (No Condensation)							
Altitude [m]	Max. 3,000							
MECHANICAL CHARACTERISTICS								
Dimensions (W*H*D) [mm]	570*386*380	570*524*380	570*662*380	570*800*380	570*938*380	570*1076*380	570*1214*380	570*1352*380
Weight [kg]	85	126	167	208	249	290	331	372
CERTIFICATES								
Safety	IEC 62619							
EMC	EN IEC 61000-6-1/2/3/4							
Transportation	UN38.3							
Ingress Protection	IP65							
WARRANTY								
Standard Warranty [year] ^{*2}	10							
MANUFACTURE								
Country of Manufacture	China							

*1, The current is affected by temperature, cell voltage and SOC.
*2, Refer to Fox ESS Battery Warranty Terms and Conditions.