

FOX ENERGY CUBE BATTERY STORAGE SYSTEM



HIGH VOLTAGE BATTERY FROM FOX

The Energy cube 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 27.8 kWh. Installation is easy, with a plug and play solution that can save valuable time for installers.

- 3.97 kWh Capacity
- Scalable to 27.8 kWh
- 90% Depth of Discharge
- Wide Temperature Tolerance
- Easy Installation
- CAN / RS485 Communication
- High Voltage



-  **High Voltage**
-  **Easy Installation**
-  **High Efficiency**
-  **Expandable System**
-  **90% DoD**

Model	ECS4000-H2	ECS4000-H3	ECS4000-H4	ECS4000-H5	ECS4000-H6	ECS4000-H7
Electrical Characteristics						
Battery Type	LiFePO4 Prismatic Cell					
Battery Module	1*CM4000-US 1*CS4000-US	1*CM4000-US 2*CS4000-US	1*CM4000-US 3*CS4000-US	1*CM4000-US 4*CS4000-US	1*CM4000-US 5*CS4000-US	1*CM4000-US 6*CS4000-US
Nominal Capacity (Wh)	7940	11910	15880	19850	23820	27790
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)	60A @30sec					
Round-trip Efficiency	>95%					
Depth of Discharge	90%					
Cycle Life*1	≥6000*1					
Communication	CAN, RS485					
Display	CS: LED*1, CM: LED*7					
Scalability	Max. 7 Modules in Series					
Operating Conditions						
Installation Location	Outdoor / Indoor (Stand)					
Operating Temperature (°C / °F)	-10 to 55 / 14 to 131					
Storage Temperature (°C / °F)	-20 to 55 / -4 to 131					
Cooling Method	Natural Convection					
Humidity	0% to 100% (No Condensing)					
Altitude (m)	Max. 2,000					
Mechanical Characteristics						
Dimensions (W x H x D) (mm)	570 x 350 x 380	570 x 470 x 380	570 x 590 x 380	570 x 710 x 380	570 x 830 x 380	570 x 950 x 380
Dimensions (W x H x D) (inch)	22.4 x 13.8 x 15.0	22.4 x 18.5 x 15.0	22.4 x 23.2 x 15.0	22.4 x 28.0 x 15.0	22.4 x 32.7 x 15.0	22.4 x 37.4 x 15.0
Weight (kg/ lbs)	74.3 / 163.8	110.3 / 243.2	146.3 / 322.5	182.3 / 401.9	218.3 / 481.3	254.3 / 560.6
Certificates						
Safety	UL1973					
Transportation	UN38.3					
Ingress Protection	Type 4X					
Warranty						
Standard Warranty (Year)	Standard 10 years*2					

*1 25°C (77°F), @90% DOD, 0.2C charging/discharging

*2 Refer to FoxESS Battery Warranty Terms and Conditions

