

# 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**



## ENERGY CUBE

### ECS4000-H2 / H3 / H4 / H5 / H6 / H7

Model	ECS4000-H2	ECS4000-H3	ECS4000-H4	ECS4000-H5	ECS4000-H6	ECS4000-H7
<b>Electrical Characteristics</b>						
Battery Type	LiFePO4 Prismatic Cell					
Battery Module	1*CM4000 1*CS4000	1*CM4000 2*CS4000	1*CM4000 3*CS4000	1*CM4000 4*CS4000	1*CM4000 5*CS4000	1*CM4000 6*CS4000
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)	35					
Max. Charge / Discharge Current (A)	50					
Peak Discharge Current (A)	65A @60sec					
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					
<b>Operating Conditions</b>						
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					
<b>Mechanical Characteristics</b>						
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
<b>Certificates</b>						
Safety	UL1973, UL9540, UL9540A					
EMC	FCC Part15B					
Transportation	UN38.3					
Ingress Protection	Type 4X					
<b>Warranty</b>						
Standard Warranty (Year)	Standard 10 years*2					

\*1 25°C (77°F), @90% DOD, 0.5C charging/discharging

\*2 Refer to FoxESS Battery Warranty Terms and Conditions





DATASHEET

Split-Phase Hybrid

HI&ACI-3.8-US / 5.7 / 7.6 / 9.6 / 11.4

# US SERIES



FOX storage solutions are available with advanced and intuitive App based remote control and monitoring functionality.



## EASY INSTALLATION

Flexible configuration, plug and play set-up.



## HIGH VOLTAGE

Compatible with high-voltage batteries for maximum round-trip efficiency.



## NEMA 4X

Engineered to last with maximum flexibility. Suitable for outdoor installation.



## REMOTE MONITORING

Monitor your system remotely via smartphone app or web portal.



REFINED – POWERFUL – FLEXIBLE

## BATTERY EXPANSION EASY UPGRADE



Expand your system easily by simply adding additional batteries. There are six battery size options, and seven batteries can be installed in series, providing up to 27.8 kWh of storage capacity.



For more about Fox's products, visit:

[WWW.FOX-ESS.COM](http://WWW.FOX-ESS.COM)

