

# FOX ENERGY CUBE BATTERY UNIT



## HIGH VOLTAGE BATTERIES FROM FOX

The Energy cube is a high-performance, scalable battery storage unit. 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 28.2 kWh. Installation is easy, with a plug and play solution that can save valuable time for installers.

- 4.03 kWh Capacity
- Scalable to 28.2 kWh
- 98% Charge/Discharge Efficiency
- 90% Depth of Discharge
- Wide Temperature Tolerance
- Easy Installation
- CAN/RS485 Communication
- High Voltage



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

#### SPECIFICATIONS

Cube Model	ECS4100-H2	ECS4100-H3	ECS4100-H4	ECS4100-H5	ECS4100-H6	ECS4100-H7
BMS Qty x Model Battery Qty x Model	1 x CM4100 1 x CS4100	1 x CM4100 2 x CS4100	1 x CM4100 3 x CS4100	1 x CM4100 4 x CS4100	1 x CM4100 5 x CS4100	1 x CM4100 6 x CS4100
Normal Voltage (V)	115.2	172.8	230.4	288	345.6	403.2
Normal Capacity (Ah)	70	70	70	70	70	70
Battery Voltage Range (V)	90-131.4	135-197.1	180-262.8	225-328.5	270-394.2	315-459.9
Max Charge / Discharge Current (A)	50					
Standard charging current (A)	25					
Peak charging current (A)	60					
Operating Temperature (°F)	32 - 122(°F)					
Storage Temperature (°F)	-4 - 122(°F)					
Cycle life	≥6000 @ 77(°F) & 90%DOD					
Protection Level	NEMA 4X					
Weight (lbs)	69±1	102±1	135±1	168±1	201±1	234±1
Module Dimensions (LxWxH) (in)	22.4x15x11.4	22.4x15x16.1	22.4x15x20.7	22.4x15x25.4	22.4*15x30.1	22.4x15x34.8
BMS Dimensions (LxWxH) (in)	22.4x15x6.7	22.4x15x6.7	22.4x15x6.7	22.4x15x6.7	22.4*15x6.7	22.4x15x6.7
Battery Dimensions (LxWxH) (in)	22.4x15x4.7	22.4x15x9.4	22.4x15x14.1	22.4x15x18.7	22.4*15x23.4	22.4x15x28.1

