

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 19.35kWh. Installation is easy, with a plug and play solution that can save valuable time for installers.



- 2.76kWh capacity
- Scalable to 19.35 kWh
- 90% Depth of Discharge
- Large temperature tolerance
- Easy installation
- CAN/RS485 communication
- High voltage



High Voltage



Simple Installation



Height Efficiency



Expandable System



90% DoD

Model	ECS2800H-H2	ECS2800H-H3	ECS2800H-H4	ECS2800H-H5	ECS2800H-H6	ECS2800H-H7
ELECTRICAL CHARACTERISTICS						
Battery Type	LiFePO4 Prismatic Cell					
Battery Module	1*CM2800H 1*CS2800H	1*CM2800H 2*CS2800H	1*CM2800H 3*CS2800H	1*CM2800H 4*CS2800H	1*CM2800H 5*CS2800H	1*CM2800H 6*CS2800H
Nominal Capacity[Wh]	5530	8290	11060	13820	16590	19350
Nominal Voltage [V]	115.2	172.8	230.4	288	345.6	403.2
Operating Voltage[V]	104.4-132.4	156.6 - 198.7	208.8-264.9	261.0-331.2	313.2-397.4	365.4 -463.6
Recommend Discharge Current [A]	24					
Max.Charge/Discharge Current [A]	48					
Peak Discharge Current [A]	65A @60sec					
Battery Pack Round-Trip Efficiency	>95%					
Depth of discharge	90%					
Cycle Life	≥4000 ^{*1}					
Communication	CAN					
Display	CS: LED*1, CM: LED*6					
Scalability	Max. 7 Modules in Series					
OPERATING CONDITIONS						
Installation Location	Outdoor/ Indoor (Stand)					
Operating Temperature [°C]	-10 - 55					
Storage Temperature [°C]	-20 - 55					
Cooling method	Natural Convection					
Humidity	0% to 100% (No Condensing)					
Altitude [m]	Max. 2,000					
Mechanical Characteristics						
Dimensions (W*H*D) (mm)	570*350*380	570*470*380	570*590*380	570*710*380	570*830*380	570*950*380
Weight (kg)	65±1	95.5±1.5	126±2	157±2.5	187±3	217±3.5
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

