

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 20.16kWh. Installation is easy, with a plug and play solution that can save valuable time for installers.

- 2.88kWh capacity
- Scalable to 20.16 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	ECS2900-H2	ECS2900-H3	ECS2900-H4	ECS2900-H5	ECS2900-H6	ECS2900-H7
ELECTRICAL CHARACTERISTICS						
Battery Type	LiFePO4 Prismatic Cell					
Battery Module	1*CM2900 1*CS2900	1*CM2900 2*CS2900	1*CM2900 3*CS2900	1*CM2900 4*CS2900	1*CM2900 5*CS2900	1*CM2900 6*CS2900
Nominal Capacity[Wh]	5760	8640	11520	14400	17280	20160
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]	65A @30sec					
Battery Pack Round-Trip Efficiency	>95%					
Depth of discharge	90%					
Cycle Life	≥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]	-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)	67.1	99.5	131.9	164.3	196.7	229.1
Certificates						
Safety	IEC 62619					
EMC	EN IEC 61000-6-1/2/3/4					
Transportation	UN38.3					
Ingress Protection	IP65					

*1 25 °C, @90% DOD, 0.5C charging/discharging

