

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



- 2.88 kWh Capacity
- Scalable to 20.16 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 EU ONLY

ECS2900-H2/H3/H4/H5/H6/H7

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*CM2900	1*CM2900	1*CM2900	1*CM2900	1*CM2900
	1*CS2900	2*CS2900	3*CS2900	4*CS2900	5*CS2900	6*CS2900
Nominal Capacity (Wh)	5760	8640	11520	14400	17280	20160
Nominal Voltage (V)	115.2	115.2	115.2	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					
Battery Pack Round-Trip Efficiency	>95%					
Depth of Discharge	90%					
Cycle Life*1	≥6000					
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)	66.9	98.9	130.9	162.9	194.9	226.9
Certificates						
Safety	IEC62619					
EMC	EN IEC 61000-6-1 / 2 / 3 / 4					
Transportation	UN38.3					
Ingress Protection	IP65					

*1 25°C, @90% DOD, 0.2C charging/discharging

*2 Refer to FoxESS Battery Warranty Terms and Conditions

