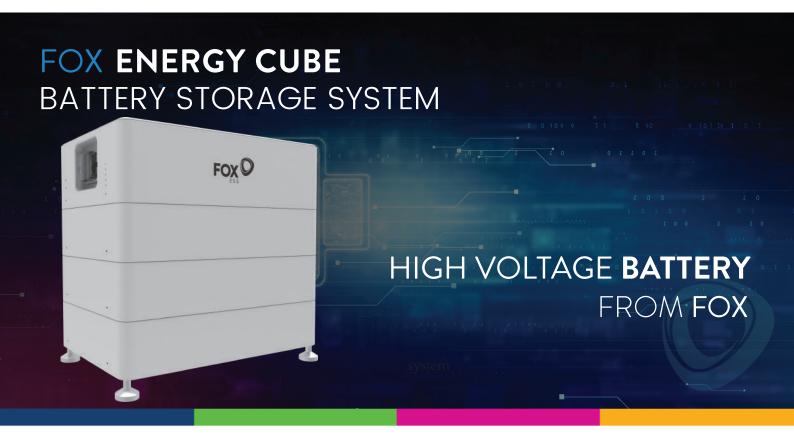




ENERGY CUBE ECS4100-H2/H3/H4/H5/H6/H7



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

- 4.03 kWh Capacity
- Scalable to 28.21 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









FOX ENERGY CUBE ECS4100-H2/H3/H4/H5/H6/H7

Model	ECS4100-H2	ECS4100-H3	ECS4100-H4	ECS4100-H5	ECS4100-H6	ECS4100-H7
ELECTRICAL CHARACTERISTICS						
Battery Type	LiFePO4 Prismatic Cell					
Battery Module	1*CM4100 1*CS4100	1*CM4100 2*CS4100	1*CM4100 3*CS4100	1*CM4100 4*CS4100	1*CM4100 5*CS4100	1*CM4100 6*CS4100
Nominal Capacity [Wh]	8060	12090	16120	20150	24180	28210
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	t [A] 25					
Max.Charge/Discharge Current [A] 50						
Peak Discharge Current [A]	65A @30sec					
Battery Pack Round-Trip Efficience	ncy >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]	74.3	110.3	146.3	182 .3	218.3	254.3
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

