

# Fox ESS ECS BATTERY STORAGE SYSTEM



## HIGH VOLTAGE BATTERY FROM Fox ESS

The ECS 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 27.8 kWh. Installation is easy, with a plug and play solution that can save valuable time for installers.



- 3.97 kWh Capacity
- Scalable to 27.8 kWh
- 90% Depth of Discharge
- Wide Temperature Tolerance
- Easy Installation
- CAN Communication
- Voltage Range up to 459.9 V



**Simple  
Installation**



**High  
Efficiency**



**Expandable  
System**



**90%  
DoD**

# Fox ESS

## ECS SERIES

### ECS4000-H2 / H3 / H4 / H5 / H6 / H7

Model	ECS4000-H2	ECS4000-H3	ECS4000-H4	ECS4000-H5	ECS4000-H6 <small>(non US mainland only)</small>	ECS4000-H7 <small>(non US mainland only)</small>
<b>Electrical Characteristics</b>						
Battery Type	LiFePO4 Prismatic Cell					
Battery Module	1*CM4000 1*CS4000	1*CM4000 2*CS4000	1*CM4000 3*CS4000	1*CM4000 4*CS4000	1*CM4000 5*CS4000	1*CM4000 6*CS4000
Nominal Capacity (kWh)	7.95	11.92	15.9	19.87	23.85	27.82
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
Max. Charge / Discharge Current (A)	50					
Peak Discharge Current (A)	65A @60sec					
Round-trip Efficiency	>95%					
Depth of Discharge	90%					
Communication	CAN					
Display	CS: LED*, CM: LED*6					
Scalability	Max. 7 Modules in Series					
<b>Operating Conditions</b>						
Installation Location	Outdoor / Indoor (Stand)					
Operating Temperature (°C / °F)	-10 to 55 / 14 to 131					
Storage Temperature (°C / °F)	-20 to 55 / -4 to 131					
Cooling Method	Natural Convection					
Humidity	0% to 100% (No Condensing)					
Altitude (m / ft)	Max. 2,000 / 6,560					
<b>Mechanical Characteristics</b>						
Dimensions (W x H x D)(mm)	570 x 350 x 380	570 x 470 x 380	570 x 590 x 380	570 x 710 x 380	570 x 830 x 380	570 x 950 x 380
Dimensions (W x H x D)(inch)	22.4 x 13.8 x 15.0	22.4 x 18.5 x 15.0	22.4 x 23.2 x 15.0	22.4 x 28.0 x 15.0	22.4 x 32.7 x 15.0	22.4 x 37.4 x 15.0
Weight (kg/ lbs)	73.5 / 161.7	108.4 / 238.5	143.3 / 315.3	178.2 / 392	213.1 / 468.8	248 / 545.6
<b>Certificates</b>						
Safety	UL1973, UL9540, UL9540A					
Transportation	UN38.3					
Ingress Protection	IP65					
<b>Warranty</b>						
Standard Warranty (Year)	Standard 12.5 years* <sup>1</sup>					

\*1 Refer to FoxESS Battery Warranty Terms and Conditions

