FOX ESS

DATASHEET

EA16

HIGH VOLTAGE STORAGE BATTERY



- Scalable to 241.05kWh
- 90% Depth of Discharge
- Floor Mounting
- Easy installation
- IP20 Protection Level
- High Voltage and High Efficiency
- Intelligent air cooling control

SAFETY RELIABLE

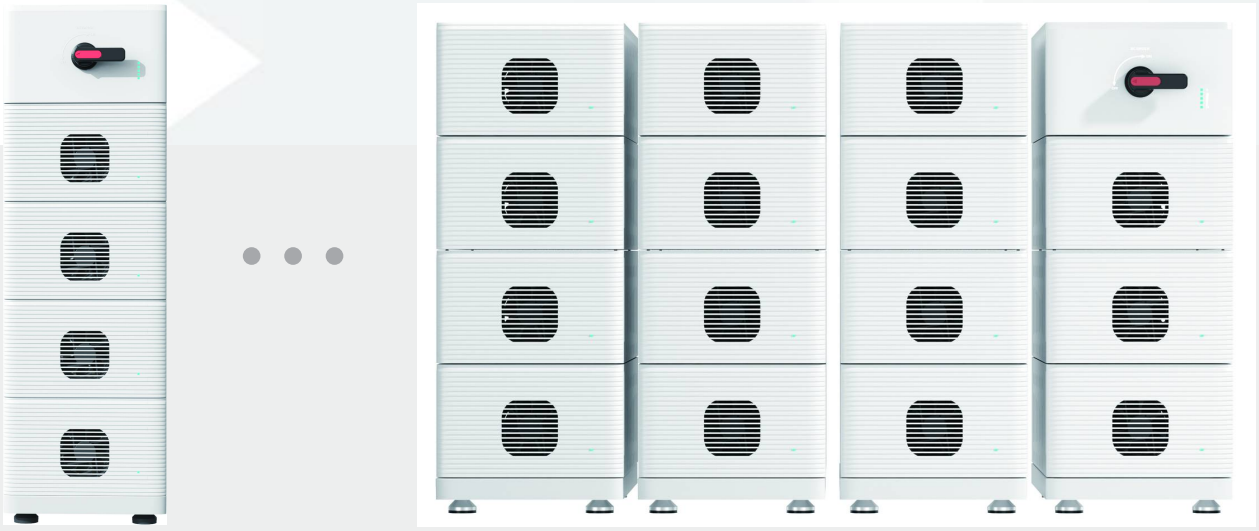
EASY INSTALLATION

HIGH EFFICIENCY

EXPANDABLE SYSTEM

90% DOD

The EA16 is a high-performance, scalable battery storage system, allows for maximum flexibility, making it suitable for a broad range of storage applications.



- Scalable from 64.28 - 241.05 kWh
- One EA BOX required for each battery system

For more information about the Fox ESS range, visit:
www.fox-ess.com

TECHNICAL SPECIFICATIONS

MODEL	EA16
Nominal Voltage [Vdc]	51.2
Operating Voltage [Vdc]	46.4-58.4
Nominal Capacity [kWh]	16.07
Max.Charge/Discharge Current [A]	240
Recommend Discharge Current [A]	157
Peak Discharge Current [A]	470@60S
Battery Pack Round-Trip Efficiency [%]	＞92
Depth of discharge [%]	90
Storage Temperature [°C]	-10~50
Operating Temperature [°C]	Charge:0~55 Discharge:-10~55
Humidity [%]	5~95 (No Condensing)
Cycle Life	6000 cycles, 0.5C 90%DOD,@70%SOH
Communication	CAN
Display	battery： LED*1, BOX:LED*6
Scalability	Max. 15 Modules in Series
Installation Location	Indoor
Altitude [m]	3,000
Cooling method	Intelligent air cooling
Ingress Protection	IP20
Dimension (W x H x D) [mm]	390 x 235 x 810
Weight Approximate [KG]	128
Safety	IEC 62619
EMC	IEC 61000-6-1/2/3/4
Transportation	UN38.3
Rated Energy Range [kWh]	64.28~241.05

＊note: min. 4 batteries per system