



# CQ16

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 CQ16 is a high-performance, scalable battery storage system, allowing for maximum flexibility and making it suitable for a broad range of energy storage applications.



- Scalable from 64.28kWh to 241.05 kWh
- One CQ BOX is required for each battery system



For more information about the Fox ESS range, visit:  
[www.fox-ess.com](http://www.fox-ess.com)

# TECHNICAL SPECIFICATIONS

MODEL	CQ16
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 Condensation)
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