



CQ6

HIGH VOLTAGE STORAGE BATTERY



- Single pack 5.99kWh
- Extendable direct min. system 11.98kWh
- Extendable direct max. System 83.86kWh
- 100% Depth of Discharge
- Large temperature tolerance
- CAN communication



HIGH
VOLTAGE



EASY
INSTALLATION



HIGH
EFFICIENCY



EXPANDABLE
SYSTEM



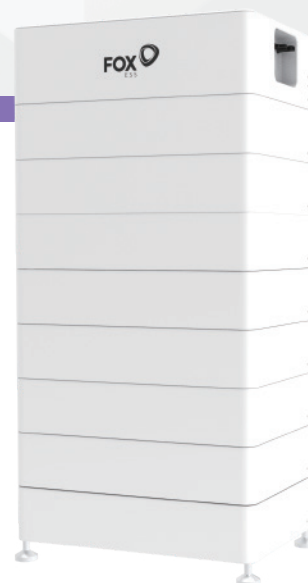
100%
DOD

The CQ6 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 83.86kWh. Installation is easy, with a plug and play solution that can save valuable time for installers.



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



TECHNICAL SPECIFICATIONS

MODEL	-L2	-L3	-L4	-L5	-L6	-L7	CQ6		-L9	-L10	-L11	-L12	-L13	-L14
ELECTRICAL CHARACTERISTICS														
Battery Type	LFP (LiFePO4)													
Battery Module (CQ6-M)	1													
Battery Module (CQ6-S)	1	2	3	4	5	6	7	8	9	10	11	12	13	
Nominal Capacity [kWh]	11.98	17.97	23.96	29.95	35.94	41.93	47.92	53.91	59.90	65.89	71.88	77.87	83.86	
Usable Capacity [kWh]	11.98	17.97	23.96	29.95	35.94	41.93	47.92	53.91	59.90	65.89	71.88	77.87	83.86	
Nominal Voltage [V]	115.2	172.8	230.4	288.0	345.6	403.2	460.8	518.4	576.0	633.6	691.2	748.8	806.4	
Rated DC Power [kW]	5.76	8.64	11.52	14.4	17.28	20.16	23.04	25.92	28.80	31.68	34.56	37.44	40.32	
Operating Voltage [V]	104.4~131.4	156.6~197.1	208.8~262.8	261.0~328.5	313.2~394.2	365.4~459.9	417.6~525.6	469.8~591.3	522.0~657.0	574.2~722.7	626.4~788.4	678.6~854.1	730.8~919.8	
Max. Charge/Discharge Current [A]	50													
Battery Pack Round-Trip Efficiency [%]*1	>95													
Depth of Discharge [%]	100													
Communication	CAN													
Display	CQ6-S: LED*1, CQ6-M: LED*6													
Scalability	Max. 14 Modules in Series													
OPERATING CONDITIONS														
Installation Location	Outdoor/ Indoor (Stand)													
Operating Temperature [°C]	Charge: 0 ~ 55 Discharge: -10 ~ 55													
Storage Temperature [°C]	-10 ~ 50													
Cooling Method	Natural Convection													
Humidity [%]	5 ~ 95 (No Condensation)													
Altitude [m]	Max. 2,000													
MECHANICAL CHARACTERISTICS														
Dimensions (W*D*H) [mm]	660*360													
	*420	*575	*730	*885	*1040	*1195	*1350	*1505	*1660	*1815	*1970	*2125	*2280	
Weight [kg] (±5%)	105.2	155.2	205.2	255.2	305.2	355.2	405.2	455.2	505.2	555.2	605.2	655.2	705.2	
CERTIFICATES														
Safety	IEC 62619													
EMC	IEC 61000-6-1/2/3/4													
Transportation	UN38.3													
Ingress Protection	IP65													
MANUFACTURE														
Country of Manufacture	China													

*1 @25°C, 0.3C charging/discharging.