



EQ5000

HIGH VOLTAGE STORAGE BATTERY



- 4.92kWh capacity
- Scalable to 29.52kWh
- 90% Depth of Discharge
- Large temperature tolerance
- CAN communication



HIGH
VOLTAGE



EASY
INSTALLATION



HIGH
EFFICIENCY



EXPANDABLE
SYSTEM



90%
DOD

The EQ 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 29.52kWh. 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 | EQ5000 -L2 | EQ5000 -L3 | EQ5000 -L4 | EQ5000 -L5 | EQ5000 -L6 |
|--|---------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| ELECTRICAL CHARACTERISTICS | | | | | |
| Battery Type | LiFePO ₄ Prismatic Cell | | | | |
| Battery Module | 1*EQ5000-M 1*EQ5000-S | 1*EQ5000-M 2*EQ5000-S | 1*EQ5000-M 3*EQ5000-S | 1*EQ5000-M 4*EQ5000-S | 1*EQ5000-M 5*EQ5000-S |
| Nominal Capacity [kWh] | 9.84 | 14.76 | 19.68 | 24.60 | 29.52 |
| Nominal Voltage [V] | 128 | 192 | 256 | 320 | 384 |
| Operating Voltage [V] | 116 ~ 146 | 174 ~ 219 | 232 ~ 292 | 290 ~ 365 | 348 ~ 438 |
| Recommend Discharge Current [A] | 38.5 | | | | |
| Max. Charge/Discharge Current [A] | 50 | | | | |
| Peak Discharge Current [A] | 65 @60sec | | | | |
| Battery Pack Round-Trip Efficiency [%] | >95 | | | | |
| Depth of discharge [%] | 90 | | | | |
| Cycle Life** | ≥6000 | | | | |
| Communication | CAN | | | | |
| Display | CS: LED*1, CM: LED*6 | | | | |
| Scalability | Max. 6 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 Condensing) | | | | |
| Altitude [m] | Max. 3,000 | | | | |
| MECHANICAL CHARACTERISTICS | | | | | |
| Dimensions (W*H*D) [mm] | 570*375*380 | 570*510*380 | 570*645*380 | 570*780*380 | 570*915*380 |
| Weight [kg] | 97.2 | 140.7 | 184.2 | 227.7 | 271.2 |
| CERTIFICATES | | | | | |
| Safety | IEC 62619 | | | | |
| EMC | IEC 61000-6-1/2/3/4 | | | | |
| Transportation | UN38.3 | | | | |
| Ingress Protection | IP65 | | | | |

*1, 25°C, @90% DOD, 0.5C charging/discharging.

*2, Charge derating will occur between 0°C and +15°C.

