

EQ6000 Plus

HIGH VOLTAGE STORAGE BATTERY

The EQ is a high-performance, scalable battery storage system. Its modular design enables maximum flexibility, making it suitable for a wide range of storage applications. Additional batteries can be installed in series, allowing for a maximum storage capacity of 41.93kWh. Installation is easy, with a plug and play solution that can save valuable time for installers.



- 5.99kWh capacity
- Scalable to 41.93kWh
- 90% Depth of Discharge
- Wide operating temperature range
- CAN communication



**HIGH
VOLTAGE**



**EASY
INSTALLATION**



**HIGH
EFFICIENCY**



**EXPANDABLE
SYSTEM**



**90%
DOD**



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TECHNICAL SPECIFICATIONS

MODEL	EQ6000 Plus -L2	EQ6000 Plus -L3	EQ6000 Plus -L4	EQ6000 Plus -L5	EQ6000 Plus -L6	EQ6000 Plus -L7
ELECTRICAL CHARACTERISTICS						
Battery Type	LFP (LiFePO ₄)					
Battery Module (EQ6000 Plus-M)	1					
Battery Module (EQ6000 Plus-S)	1	2	3	4	5	6
Nominal Energy [kWh]	11.98	17.97	23.96	29.95	35.94	41.93
Nominal Voltage [V]	115.2	172.8	230.4	288.0	345.6	403.2
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
Recommend Discharge Current [A]	50					
Max. Charge/Discharge Current [A] ^{*1}	50					
Peak Discharge Current (60S) [A]	65					
Battery Pack Round-Trip Efficiency [%] ^{*2}	>95					
Depth of Discharge [%]	90					
Communication	CAN					
Display	EQ6000 Plus-S: LED*1, EQ6000 Plus-M: LED*6					
Scalability	Max. 7 Modules in Series					
OPERATING CONDITIONS						
Installation Location	Outdoor/ Indoor (Stand)					
Operating Temperature [°C] ^{*3}	Charge: 0 ~ 55, Discharge: -10 ~ 55					
Operating Temperature [°C] (warm up function on, optional)	Charge: -25 ~ 55, Discharge: -25 ~ 55					
Storage Temperature [°C]	-10 ~ 50					
Cooling Method	Natural Convection					
Humidity [%]	5 ~ 95 (No Condensation)					
Altitude [m]	Max. 3,000					
PROTECTION						
Fire Protection Function	YES					
MECHANICAL CHARACTERISTICS						
Dimensions (W*H*D) [mm]	660*420*360	660*575*360	660*730*360	660*885*360	660*1040*360	660*1195*360
Weight [kg] (±5%)	105.1	155.2	205.3	255.4	305.5	355.6
Cell Net Weight [kg] (±5%)	68.6	102.9	137.2	171.5	205.8	240.2
CERTIFICATES						
Safety	IEC 62619					
EMC	IEC 61000-6-1/2/3/4					
Transportation	UN38.3					
Ingress Protection	IP65					

*1 The current is affected by temperature, cell voltage and SOC.

*2 @25°C, 0.3C charging/discharging.

*3 Charge and discharge power reduction applies at low temperatures.