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FOX ESS



high voltage storage battery

EQ6000 Plus

Tested and supported (1st/2nd line) by taylor.

5.99 kWh capacity per module, scalable up to 41.93 kWh

90% depth of discharge

Plug and play modular installation

Compatible with taylor and third party EMS providers

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Datasheet
EQ6000 Plus

Models	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	1 x EQ6000 Plus-M 1 x EQ6000 Plus-S	1 x EQ6000 Plus-M 2 x EQ6000 Plus-S	1 x EQ6000 Plus-M 3 x EQ6000 Plus-S	1 x EQ6000 Plus-M 4 x EQ6000 Plus-S	1 x EQ6000 Plus-M 5 x EQ6000 Plus-S	1 x EQ6000 Plus-M 6 x EQ6000 Plus-S
Nominal capacity (kWh)	11.98	17.97	23.96	29.95	35.94	41.93
Nominal voltage (V)	115.2	172.8	230.4	288	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 charge / discharge current (A)	30					
Max. charge / discharge current (A)	50					
Peak discharge current (A)	65 @ 60 sec					
Battery pack round-trip efficiency (%)	> 95					
Depth of discharge (%)	90					
Cycle life[1]	≥ 6000					
Communication	CAN					
Display	EQ6000 Plus-S: LED x 1, EQ6000 Plus-M: LED x 6					
Scalability	Max. 7 modules in series					
Operating conditions						
Installation location	Outdoor/ indoor (stand)					
Operating temperature (°C)[2]	Charge: 0 ~ 55 | discharge: -10 ~ 55					
Storage temperature (°C)	-10 ~ 40					
Cooling method	Natural convection					
Humidity (%)	5 ~ 95 (no condensing)					
Altitude (m)	Max. 3000					
Mechanical characteristics						
Dimensions (W x H x D) (mm)	660 x 420 x 360	660 x 575 x 360	660 x 730 x 360	660 x 885 x 360	660 x 1040 x 360	660 x 1195 x 360
Weight (kg)	111.2	161.2	211.2	261.2	311.2	361.2
Certificates						
Safety	IEC 62619					
EMC	EN IEC 61000-6-1/2/3/4					
Transportation	UN38.3					
Ingress protection	IP65					
Warranty						
Product Warranty	10 years (backed by Fox ESS)					

[1] 25°C, @90% DOD, 0.5C charging/discharging.
[2] Charge derating will occur between 0°C and +15°C.