

Turbo L2 Series

Low Voltage Battery

16kWh

Max. **32**
units

Parallel

>**8000**

Cycle life times



Fast-suppression
aerosol fire defense



- ▶ Optional active balancing, high-efficiency cell balancing
- ▶ Self-configuring parallel networking, one-touch start

- ▶ Optional heating function, fearless of the Cold
- ▶ Supports remote monitoring and firmware upgrades

Model	TB-L2-16
Electrical Parameters	
Nominal Voltage [V]	51.2
Nominal Capacity [Ah]	314
Nominal Energy ^[1] [kWh]	16
Voltage Range [V]	43.2 ~ 57.6
Max. Continuous Charging Current ^[2] [A]	200
Max. Continuous Discharging Current ^[2] [A]	200
General Data	
Battery Chemistry	LiFePO ₄
Dimensions (W * H * D) [mm]	450 * 970 * 235.5
Net Weight [kg]	121
Scalability	Max. 32 pcs pack (Max.512kWh) in parallel
Ingress Protection	IP20
Installation Type	Floor - mounted
Indicator	LED
Cooling	Natural
Communication Port	CAN, RS485
Operation Temperature Range ^[3] [°C]	-20 ~ +60
Operation Humidity	5 ~ 95%
Altitude [m]	≤ 2000
Cycle Life	8000 (@80% DOD / 25 °C / 0.5C / 70% EOL)
Aerosol Fire Protection	Integrated
Heating Function	Optional
Active Balancing	Optional
Certification	
Certificates	UN38.3

[1] Nominal Energy: 100% DOD 0.5C charge & discharge at +25°C (test conditions).

[2] The current is affected by temperature and SOC.

[3] Ambient temperature: charging (0 ~ +53 °C) or (-10 ~ +53°C, with optional heating function); discharge (-20 ~ +58°C).