

# Low Voltage Battery

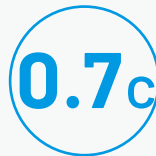


## Turbo L2

10.2kWh - 14.3kWh



Parallel



Charging / discharging



Protection

- ▶ Plug & play design
- ▶ Remote diagnosis and real-time data monitoring
- ▶ Floor / Wall-mounted installation
- ▶ Cell / Pack / Structural protection

Model	TB-L2-10.24	TB-L2-14.3
<b>Electrical Parameters</b>		
Nominal Voltage [V]	51.2	
Nominal Capacity [Ah]	200	280
Nominal Energy <sup>[1]</sup> [kWh]	10.24	14.3
Voltage Range [V]	43.2 ~ 57.6	
Continuous Charging Current [A]	100	140
Continuous Discharging Current [A]	100	140
Max. Charging Current [A]	140	196
Max. Discharging Current [A]	140	196
<b>General Data</b>		
Battery Chemistry	LiFePO <sub>4</sub>	
Dimensions (W * H * D) [mm]	520 * 970 * 165.5	474 * 970.8 * 235.5
Net Weight [kg]	95	121
Scalability	Max. 8 pcs pack (Max.81.92kWh) in parallel	Max. 8 pcs pack (Max.114.7kWh) in parallel
Ingress Protection	IP21	
Installation Type	Floor - mounted	
Indicator	LED	
Cooling	Natural	
Communication Port	CAN, RS485	
Operation Temperature Range <sup>[2]</sup> [°C]	-10 ~ +55	
Operation Humidity	5 ~ 95%	
Altitude [m]	≤ 2000	
Cycle Life	6000 @80% DOD / 25°C / 0.33C / 60% EOL	
<b>Certification</b>		
Certificates	UN38.3	

[1] Nominal Energy: 100% DOD 0.33C charge & discharge at +25°C (test conditions).

[2] Ambient temperature: charging (0 ~ +50°C), discharging (-10 ~ +55°C).