







# Residential Energy Storage Battery

## Turbo L2 Series

5.12kWh / 10.24kWh / 14.3kWh

### Features

Integrated Low Voltage Battery

-  Plug & play design
-  Floor-mounted installation
-  Support up to 8 units parallel connection
-  Aerosol options for enhanced safety
-  Higher charging / discharging power
-  Remote diagnosis and real-time data monitoring



Model	TB-L2-5.12	TB-L2-10.24	TB-L2-14.3
<b>Electrical Parameters</b>			
Nominal Voltage [V]	25.6	51.2	
Nominal Capacity [Ah]	200	200	280
Nominal Energy <sup>[1]</sup> [kWh]	5.12	10.24	14.3
Voltage Range [V]	21.6 ~ 28.8	43.2 ~ 57.6	
Continuous Charging Current [A]	100	100	140
Continuous Discharging Current [A]	100	100	140
Max. Charging Current [A]	140	140	196
Max. Discharging Current [A]	140	140	196
<b>General Data</b>			
Battery Chemistry	LiFePO <sub>4</sub>		
Dimensions (W * H * D) [mm]	600 * 355 * 150	600 * 760 * 200	474 * 970.8 * 235.5
Net Weight [kg]	52	95	121
Scalability	Max. 8 pcs pack (Max.40.96kWh) in parallel	Max. 8 pcs pack (Max.81.92kWh) in parallel	Max. 8 pcs pack (Max.114.7kWh) in parallel
Ingress Protection	IP21		
Installation Type	Wall - mounted	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).