

# Turbo L2 Series

RENAC

## Low Voltage Battery

TB-L2-14.3

Max. **8**  
units

Parallel

**0.7c**

Charging Current

**3**  
layer

Protection

**48v**



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

Model	TB-L2-14.3
<b>Electrical Parameters</b>	
Nominal Voltage [V]	51.2
Nominal Capacity [Ah]	280
Nominal Energy <sup>[1]</sup> [kWh]	14.3
Voltage Range [V]	43.2 ~ 57.6
Continuous Charging Current [A]	140
Continuous Discharging Current [A]	140
Max. Charging Current [A]	196
Max. Discharging Current [A]	196
<b>General Data</b>	
Battery Chemistry	LiFePO <sub>4</sub>
Dimensions (W * H * D) [mm]	450 * 970.8 * 235.5
Net Weight [kg]	121
Scalability	Max. 8 pcs pack (Max.114.7kWh) in parallel
Ingress Protection	IP20
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).