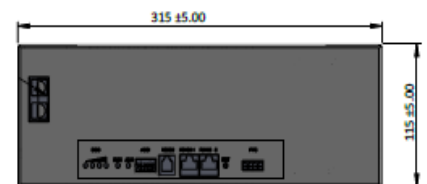
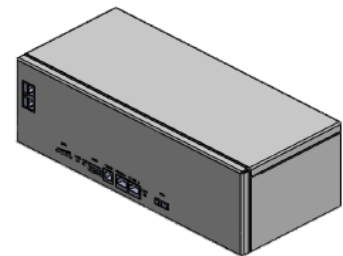


# ATB4820T

Applied Energy Technologies is proud to unveil its cutting-edge Lithium-Ion Battery solution meticulously crafted to fulfill the demanding requirements of the Telecom sector. This offering is a paradigm shift towards complete green operation, bolstered by heightened uptime and comprehensive energy accountability. At its core lies an advanced Battery Management System, that is manageable on remote monitoring systems. With an unwavering commitment to premium quality and longevity, our Battery solution ensures optimal Total Cost of Ownership for our clients.

## Features

- ✓ Reliable & safe LiFePO4 cell technology
- ✓ Communication through RS485
- ✓ Suitable for multi-unit parallel connection (up to 15 modules)
- ✓ State-of-art BMS with built-in advance protections.
- ✓ Higher operating temperature range
- ✓ High cycle life
- ✓ High efficiency



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## Technical Specifications

S. No.	Items	Parameter
1	Rated Capacity	20Ah
2	Normal Voltage	48V
3	Chassis dimensions	315 x 140 x 115 (LXBXH)*
4	Ingress Protection	IP20
5	Charging maximum voltage	54.75V
6	Discharge minimum voltage	37.5V
7	Standard charging current	0.2C
8	Max continuous charging current	0.5C
9	Standard discharge current	0.2C
10	Max continuous discharge current	0.5C
11	Cycle life	3500 cycles
12	Weight	~15KG
13	Charging temperature range	0~+45°C
14	Discharge temperature range	-10~+60°C
15	Storage temperature	-20~+60°C
16	Relative humidity	5~95%
17	Quality guarantee period	5 years
18	Communication port.	RS 485
19	SOC LED lamp display	4 LED green
20	Alarm LED light display	LED light (green, red)
21	Anti-theft function	Yes (Optional)
22	Reverse protection	Yes with MCB
23	Modbus Address Switch	Six bits binary
24	Breaker	Yes – 63A
25	Alarm log	10000 events
26	Cell type	LFP - Cylindrical type
27	Safety Compliance	CE, UL, IEC

\*Subject to change as per final requirement.