

Turntide NMC Battery Pack Range

Combining a high-performance lithium-ion NMC battery pack with a built in Battery Management System (BMS) Turntide's intelligent battery systems are designed to deliver class-leading energy density and performance. Our batteries are ideal for multiple applications, including construction, agriculture, and marine industries. With a standardised design, our modular product range provides a flexible and scalable battery energy storage solution.



Features

- + Integrated charger controls
- + UN38.3 certified: approved for global shipping
- + Access to world-class battery cell technology
- + Proven automotive quality and global high volume supply
- + Versatile: scale up capacity without additional controllers
- + High voltage: connect modular packs in series for systems up to 630V
- + Environmental protection enclosure: fully plastic case (IP55)
- + Cell chemistry: lithium nickel manganese cobalt oxide (NMC)

Specifications

	Standard	Plus	Plus Peak
Voltage Nominal	44.4V	51.8V	51.8V
Continuous Current Charge/Discharge	132A / 130A	132A / 130A	128A / 300A
Voltage Range Min/Max	37.2V / 49.8V	43.4V / 58.1V	43.4V / 58.1V
Maximum Capacity	4.94 kWh / 111 Ah	5.76 kWh / 111.4 Ah	5.76 kWh / 111.4 Ah
Maximum Energy Density	152 kWh/kg	164 kWh/kg	164 kWh/kg
Dimensions (WxLxH)	243 x 352 x 265 mm	243 x 352 x 302 mm	243 x 352 x 302 mm
Weight	32 kg	37 kg	37 kg

Details are correct at time of publishing

TURNTIDE TECHNOLOGIES

Our breakthrough technologies accelerate electrification and sustainable operations for energy-intensive industries

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