

SAME SIZE, MORE CAPACITY.

Introducing the Dualcom Terra25 Lithium Battery.

25Ah Plug-and-Play Lithium Parking Machine Solution.

The Dualcom Terra25 Lithium Battery is a direct replacement for two 9Ah lead-acid batteries, delivering higher capacity, longer lifespan, and integrated smart management. Designed specifically for parking machine applications (including MetroLite), it provides reliable, maintenance-free power in a compact form factor.

Key Features

Direct Lead-Acid Replacement – Same form factor as 2x 9Ah SLA batteries

High Capacity – 25Ah / 320Wh energy storage

Built-In BMS – Protects against overcharge, over-discharge, over-temperature, low temperature, and short circuit

Smart Data Access – UART communications for real-time monitoring of:

- Voltage & individual cell voltages
- Current
- State of Charge (SOC)
- Time remaining
- Charge/discharge status
- Temperature
- Cycle count
- Fault status
- Unique device ID

Integrated Solar MPPT Regulator – Correct charge profile. No additional solar charging circuit required.

Rugged Design – Steel case, black powder-coat finish, side-mount studs for quick installation.

User-Friendly – On/Off switch and on-board momentary voltage indicator

Specifications

Chemistry	LiFePO ₄ Prismatic
Nominal Voltage	12.8V
Capacity	25Ah
Energy	320Wh
Standard Charge Current	5A
Maximum Continuous Charge Current	10A
Standard Discharge Current	5A
Maximum Continuous Discharge Current	10A
Charge Voltage	14.4V
Cycle Life	2,500 cycles
Warranty	3 Years
Weight (net)	3.387kg
Dimensions (L x W x H)	151 x 130 x 110mm
Construction	Powder-coated steel case
Mounting	Side-mount studs
Switch/Indicators	On/Off switch, momentary voltage display
IP Grade	IP54

177% INCREASE!

SIMPLY PLUG AND PLAY POWER UP!

Protections:

- Overcharge protection
- Over-discharge protection
- Over-temperature protection (trip at 75°C, recovery at 60°C)
- Low-temperature protection (trip at -20°C, recovery at -10°C)
- Short-circuit protection

Operating Conditions:

- Operating Temperature: -15°C to +65°C
- Quiescent Current: ≤15mA (normal operation)
- Sleep Mode Consumption: ≤150μA

Certifications & Safety

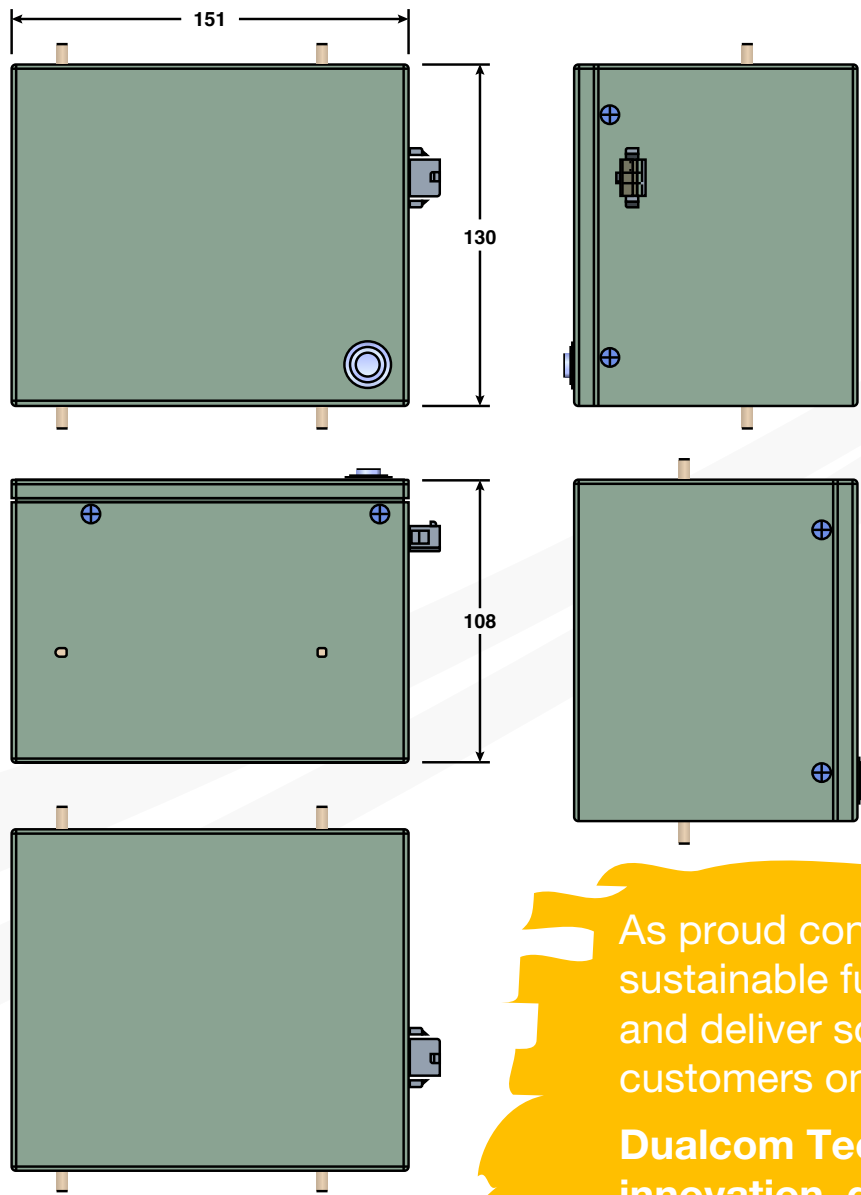
- IEC62619 (CNAS approved)
- UN38.3 / MSDS Maritime Safety certified
- Dangerous Goods packing certified
- Appraisal certificate approved

Packaging:

Carton Size: 255 x 195 x 150mm

Carton Weight : 3.78KG

Quantity: 1 battery per carton



As proud contributors to New Zealand’s sustainable future, we continue to innovate and deliver solutions that empower our customers on land, at sea, and off the grid.

Dualcom Technology Ltd — built on innovation, driven by bespoke solutions.



POWER REVOLUTIONIZED