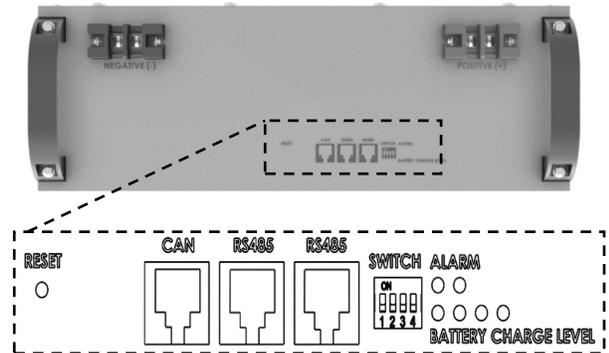


Our OE-S48V 102Ah, is an energy storage module based on innovative Li-ion technology. It is especially designed for telecom sites with advanced features: long lifespan, wide range of charging voltage, fast charging, intelligent management, and software anti-theft. OE-S48V 102Ah can be paralleled with lead-acid battery directly, which helps carriers fully reuse the legacy batteries when site expands.

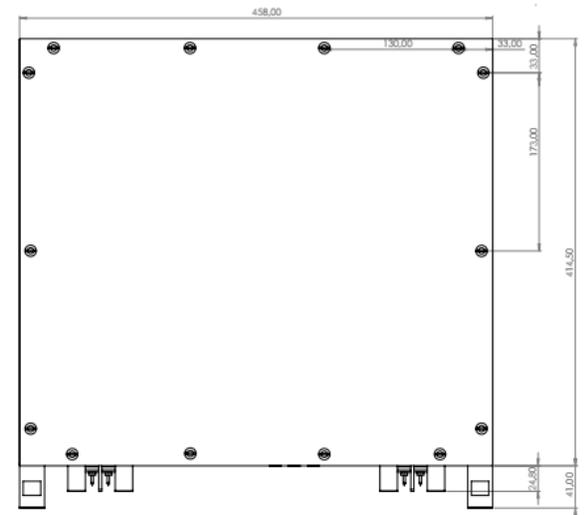


Functional Specifications and Design

Item	Description
Product Model	OE-S48V 102Ah
Cathode Material	LiFePO ₄
Nominal Voltage	48 Vdc
Nominal Charging Voltage	54 V
Max. Charging / Discharging Current Limited	102 A / 102 A
Cycle Life	2000 cycles
Nominal Capacity	102 Ah @ 35°C
Cell type	Cylindrical
Weight	Approx. 45 kg
Dimension (W * D * H)	583 mm × 383 mm × 175 mm
Communication Interface	CAN/RS485
Terminal	M6, torque 4 N·m
Protection	Over temperature, over current, short circuit, over charge/discharge, etc.
Operating temperature range	From -20°C to 60 °C
Nominal Operating Temperature	35 °C



Physical appearance



Physical dimensions (mm)

Features

- ☞ Large capacity data storage system.
- ☞ Long cycle life.
- ☞ Easy maintenance with SOC (state of charge) and SOH (state of health) detection.
- ☞ Shock-resistant solid frame with practical design.

Additional Options

- ☞ Communication Interface (CAN/RS485 port).
- ☞ Bluetooth connection.
- ☞ Specific design (include battery's specifications and case types).
- ☞ Terminal design (positive (+) and negative (-) connectors design)