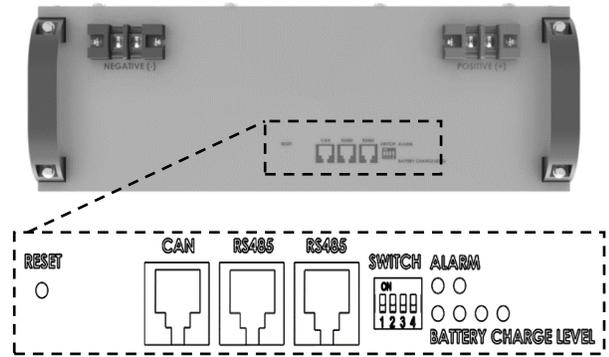


OE-P48V 105Ah Battery Pack is an energy storage module based on innovative LiFePO₄ technology. It is especially designed for telecom sites with advanced features; long lifespan, wide range of charging voltage, fast charging, intelligent management and software anti-theft. OE-P48V 105Ah can be paralleled with other similar battery packs.

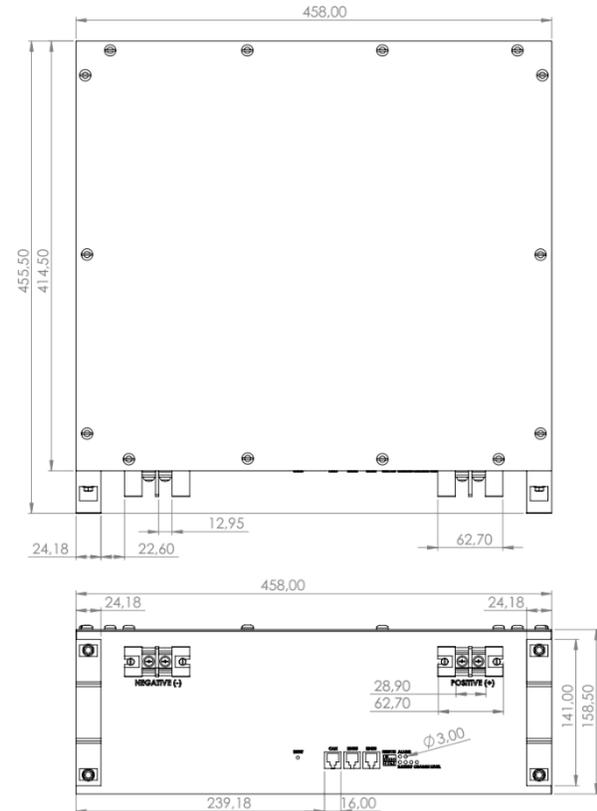


Functional Specifications and Design

Item	Description
Product Model	OE-P48V 105Ah
Cathode Material	LiFePO ₄
Nominal Voltage	48 Vdc
Nominal/Maximum Charging Voltage	54 V / 54.7V
Max. Charging / Discharging Current Limited	105 A / 105 A
Cycle Life	4000 cycles , %80 DOD
Nominal Capacity	105 Ah at 25°C
Cell type	Prismatic
Weight	Approx. 43 kg
Dimension (W * D * H)	458 mm × 455 mm × 158 mm
Communication Interface	CAN/RS485
Terminal	M6, torque 4 N-m
Protection	Over temperature, over current, short circuit, over charge/discharge.
Charging temperature range	From 0 °C to 60 °C
Discharging temperature range	From -20°C to 60 °C
Nominal Operating Temperature	25 °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

- 4.3 Inch Touch screen.
- Bluetooth connection.
- Anti-Theft Protection.
- Specific design (include battery's specifications and case types).
- Terminal design (positive (+) and negative (-) connectors design)