E-NE0205/25.6V

EURONET NEO LITHIUM BATTERY – 25.6V 205Ah

Wall-Mount LiFePO4 Battery | CAN / RS485 + Bluetooth



NOMINAL VOLTAGE	ENERGY
25.6V	5.248kWh
MAX DISCHARGE	**CYCLE LIFE**
200A	6000 @ 80% DoD
MAX PARALLEL UNITS	**MAX SYSTEM CAPACITY**
15	78.72kWh

OVERVIEW

The EURONET NEO 25.6V 205Ah (E-NE0205/25.6V) is a wall-mount LiFePO4 battery storing 5.248kWh for telecom tower backup, agricultural applications and mid-scale off-grid solar. A keypad display gives on-unit monitoring, and 200A continuous discharge handles high-current telecom and agricultural loads. RS485 and CAN communication works with major solar inverter brands, and Bluetooth allows monitoring through the cloud app. Rated for 6000 cycles at 80% DoD in an IP21 galvanized steel enclosure, it supports up to 15 units in parallel, scaling a system to 78.72kWh as your load grows.

KEY FEATURES

Keypad Display
Real-time monitoring of voltage, current, state of charge and fault status directly on the battery

200A Continuous Discharge
200A maximum continuous discharge for telecom tower backup, agricultural loads and off-grid solar sites

CAN / RS485 + Bluetooth
RS485 and CAN talk to major solar inverter brands; plus Bluetooth monitoring through the cloud app

Up to 15 Units in Parallel
Connect up to 15 units to scale total storage from 5.248kWh to 78.72kWh without extra infrastructure

Compact Wall-Mount Design
Wall-mount design for space-efficient, permanent installation, 47.5kg and 427.7×389.8×246.3mm in size

6000 Cycle Life
LiFePO4 cells rated 6000 cycles at 80% DoD, with BMS over-current and over-temperature protection

TECHNICAL NOTE

25.6V / 205Ah / 5.248kWh. Charging voltage 29.2V. Standard charge 140A, max 200A. Max discharge 200A. IP21 galvanized steel shell, wall-mount, keypad display. RS485 & CAN + Bluetooth. Up to 15 units in parallel (78.72kWh). Charging and operating temperature -20°C to +55°C. Weight 47.5kg, 427.7×389.8×246.3mm.

© 2026 Euronet Technologies LLC. All rights reserved. | ISO 9001:2015 Certified

E-NE0205/25.6V

PRODUCT TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATIONS
GENERAL	
Model	E-NE0205/25.6V
Series	NEO 25.6V Lithium Battery Series
Battery Type	LiFePO4 battery
Nominal Voltage	25.6V
Rated Capacity	205Ah
Rated Energy	5.248kWh (5248Wh)
Display	Keypad display
CHARGE & DISCHARGE	
Charging Voltage	29.2V
Standard Charging Current	140A
Max Charging Current	200A
Max Discharge Current	200A
Discharge Cut-off Voltage	Not available
BMS PROTECTION	
Over-temperature	MOS over-temperature protection
Cell Temperature	Cell temperature protection
Over-current	Charging / discharging over-current protection
Alarm	Environmental temperature alarm

PARAMETER	SPECIFICATIONS
COMMUNICATION & EXPANSION	
Communication	RS485 & CAN
Bluetooth	HLK-B35, Alibaba Cloud firmware
Inverter Compatibility	Major solar inverter brands
Max Units in Parallel	15
Max System Capacity	78.72kWh (15 units)
PHYSICAL	
Weight	47.5kg
Dimensions	427.7×389.8×246.3mm
Mounting	Wall-mount
Shell Material	Galvanized steel sheet
IP Rating	IP21
ENVIRONMENT & LIFE	
Charging Temperature	-20°C to +55°C
Operating Temperature	-20°C to +55°C
Cycle Life	6000 cycles @ 80% DoD
Certifications	Not available

**Specifications are subject to change without prior notice.*

© 2026 Euronet Technologies LLC. All rights reserved. | ISO 9001:2015 Certified