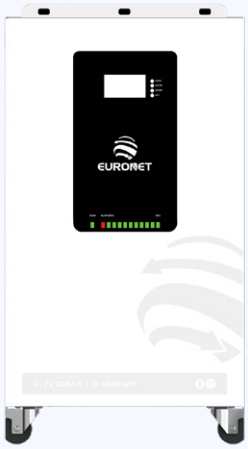
E-NE0205/51.2V

# EURONET NEO LITHIUM BATTERY – 51.2V 205Ah

## LiFePO4 Battery | CAN / RS485 + Bluetooth + Wi-Fi




| NOMINAL VOLTAGE | ENERGY |
|---|---|
| 51.2V | 10.496kWh |
| **MAX DISCHARGE** | **CYCLE LIFE** |
| 200A | 6000 @ 80% DoD |
| **DISPLAY** | **MAX PARALLEL UNITS** |
| Keypad | 15 |

### OVERVIEW

The EURONET NEO 51.2V 205Ah (E-NE0205/51.2V) stores 10.496kWh in an IP21 galvanized steel enclosure, with 200A maximum continuous discharge for 10.24kW of sustained output. A keypad display gives on-unit monitoring, and Wi-Fi adds remote oversight alongside CAN/RS485 and Bluetooth for automated charge and discharge management with compatible solar inverters. The BMS protects against MOS and cell over-temperature and over-current. Rated for 6000 cycles at 80% DoD, it supports up to 15 units in parallel for 157.44kWh of storage.

### KEY FEATURES

**Wi-Fi Monitoring**
On-unit keypad display plus Wi-Fi connectivity for remote monitoring and oversight of the whole system

**200A / 10.24kW Output**
200A maximum continuous discharge with 140A standard and 200A maximum charging current, at 58.4V charge

**15-Unit Parallel**
Scale total capacity up to 157.44kWh across 15 units for large solar storage and backup power systems

**Advanced BMS Suite**
MOS over-temperature, cell temperature, over-current protection and environmental temperature alarm

**CAN / RS485 + Bluetooth**
Compatible with major solar inverter brands for automated energy management, plus Bluetooth app

**Galvanized Steel Enclosure**
IP21 galvanized steel construction, 83.5kg at 637.1×389.8×246.3mm, rated 6000 cycles at 80% DoD

### TECHNICAL NOTE

51.2V / 205Ah / 10.496kWh. Charging voltage 58.4V. Standard charge 140A, max 200A. Max discharge 200A (10.24kW). Keypad display. CAN/RS485 + Bluetooth + Wi-Fi. IP21 galvanized steel. Up to 15 units in parallel (157.44kWh). Operating temperature -20°C to +55°C. Cycle life 6000 @ 80% DoD. Weight 83.5kg, 637.1×389.8×246.3mm.

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

# E-NE0205/51.2V

## PRODUCT TECHNICAL SPECIFICATIONS

| PARAMETER | SPECIFICATIONS |
|---|---|
| **GENERAL** | |
| **Model** | E-NE0205/51.2V |
| **Series** | NEO 51.2V Lithium Battery Series |
| **Battery Type** | LiFePO4 battery |
| **Nominal Voltage** | 51.2V |
| **Rated Capacity** | 205Ah |
| **Rated Energy** | 10.496kWh (10496Wh) |
| **Display** | Keypad display |
| **CHARGE & DISCHARGE** | |
| **Charging Voltage** | 58.4V |
| **Standard Charging Current** | 140A |
| **Max Charging Current** | 200A |
| **Max Discharge Current** | 200A (10.24kW) |
| **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** | CAN / RS485 + Bluetooth + Wi-Fi |
| **Bluetooth** | HLK-B35, Alibaba Cloud firmware |
| **Inverter Compatibility** | Major solar inverter brands |
| **Max Units in Parallel** | 15 |
| **Max System Capacity** | 157.44kWh (15 units) |
| **PHYSICAL** | |
| **Weight** | 83.5kg |
| **Dimensions** | 637.1×389.8×246.3mm |
| **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