E-NE0100/25.6V

EURONET NEO LITHIUM BATTERY – 25.6V 100Ah

Wall-Mount LiFePO4 Battery | CAN / RS485 + Bluetooth



NOMINAL VOLTAGE	ENERGY
25.6V	2.56kWh
MAX DISCHARGE	**CYCLE LIFE**
100A	6000 @ 80% DoD
MAX PARALLEL UNITS	**MAX SYSTEM CAPACITY**
15	38.4kWh

OVERVIEW

The EURONET NEO 25.6V 100Ah (E-NE0100/25.6V) is a wall-mount LiFePO4 battery storing 2.56kWh for home backup, residential and small commercial solar storage. A keypad display shows voltage, current, state of charge and faults in real time, and 100A continuous discharge provides 2.56kW for household 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 38.4kWh as your load grows.

KEY FEATURES

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

100A Continuous Discharge
100A maximum continuous discharge gives 2.56kW of sustained output for household and backup loads

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 2.56kWh to 38.4kWh without extra infrastructure

Compact Wall-Mount Design
Wall-mount design for space-efficient, permanent installation, 26.2kg and 413.5×362.5×162.3mm 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 / 100Ah / 2.56kWh. Charging voltage 29.2V. Standard charge 70A, max 100A. Max discharge 100A. IP21 galvanized steel shell, wall-mount, keypad display. RS485 & CAN + Bluetooth. Up to 15 units in parallel (38.4kWh). Charging and operating temperature -20°C to +55°C. Weight 26.2kg, 413.5×362.5×162.3mm.

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E-NE0100/25.6V

PRODUCT TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATIONS
GENERAL	
Model	E-NE0100/25.6V
Series	NEO 25.6V Lithium Battery Series
Battery Type	LiFePO4 battery
Nominal Voltage	25.6V
Rated Capacity	100Ah
Rated Energy	2.56kWh (2560Wh)
Display	Keypad display
CHARGE & DISCHARGE	
Charging Voltage	29.2V
Standard Charging Current	70A
Max Charging Current	100A
Max Discharge Current	100A (2.56kW)
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	38.4kWh (15 units)
PHYSICAL	
Weight	26.2kg
Dimensions	413.5×362.5×162.3mm
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.*

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