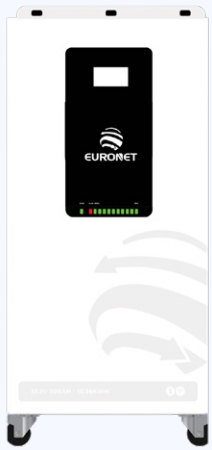
E-NE0300/51.2V

EURONET NEO LITHIUM BATTERY – 51.2V 300Ah

Wheeled LiFePO4 Battery | Active Cell Balancing



NOMINAL VOLTAGE	ENERGY
51.2V	15.36kWh
MAX DISCHARGE	**CYCLE LIFE**
200A	6000 @ 80% DoD
DISPLAY	**MAX PARALLEL UNITS**
Touch	15

OVERVIEW

The EURONET NEO 51.2V 300Ah (E-NE0300/51.2V) delivers 15.36kWh in a heavy-duty wheeled enclosure for large-scale solar storage and demanding installations. 200A continuous discharge provides sustained high-power output from -20°C to +55°C, while active cell balancing maximises usable capacity and extends cycle life. A touch display and CAN/RS485 communication give full system visibility and work with 50+ inverter brands. Rated for 6000 cycles at 80% DoD, it supports up to 15 units in parallel for 230.4kWh.

KEY FEATURES

Active Cell Balancing
Maximises usable capacity across every charge and discharge cycle and extends long-term cycle life

200A Continuous Discharge
Sustained high-power output with 150A standard and 200A maximum charging current at 58.4V charge voltage

Wheeled Enclosure
Heavy-duty wheeled enclosure lets the 103.5kg unit be repositioned on site without any lifting equipment

Touch Display
Full real-time monitoring of all battery parameters through an intuitive touch display interface

50+ Inverter Brands
CAN / RS485 communication supports more than 50 solar inverter brands for broad system integration

Wide Temperature Range
Operates from -20°C to +55°C, rated 6000 cycles at 80% DoD, up to 15 units in parallel (230.4kWh)

TECHNICAL NOTE

51.2V / 300Ah / 15.36kWh. Charging voltage 58.4V. Standard charge 150A, max 200A. Max discharge 200A. Touch display. CAN/RS485. IP21 galvanized steel, active cell balancing. Up to 15 units in parallel (230.4kWh). Operating temperature -20°C to +55°C. Cycle life 6000 @ 80% DoD. Weight 103.5kg, 803×384×252mm.

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E-NE0300/51.2V

PRODUCT TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATIONS
GENERAL	
Model	E-NE0300/51.2V
Series	NEO 51.2V Lithium Battery Series
Battery Type	LiFePO4 battery
Nominal Voltage	51.2V
Rated Capacity	300Ah
Rated Energy	15.36kWh (15360Wh)
Display	Touch display
CHARGE & DISCHARGE	
Charging Voltage	58.4V
Standard Charging Current	150A
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
Cell Balancing	Active cell balancing

PARAMETER	SPECIFICATIONS
COMMUNICATION & EXPANSION	
Communication	CAN / RS485
Inverter Compatibility	50+ inverter brands
Max Units in Parallel	15
Max System Capacity	230.4kWh (15 units)
PHYSICAL	
Weight	103.5kg
Dimensions	803×384×252mm
Mounting	Heavy-duty wheeled enclosure
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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