

NEOVOLTA™



10.2 kWh Battery

NVPLUS-10.2

Headquartered in Poway,
California since 2018

**Lithium Iron Phosphate
(LiFePO₄)**

All Weather Application

Auto BMS Identification

Dual Battery Output Ports



800.364.5464
NEOVOLTA.COM

Battery Energy Storage

Battery Chemistry	LiFePO4
Cell Capacity (Ah)	200
Nominal Energy (kWh)	10.24
Usable Energy (kWh)	9.2
Nominal Voltage (V)	51.2
Voltage Range (V)	43.2 - 57.6
Recommended Charging/Discharging Current (A)	100 / 100
Max. Charging/Discharging Current (A)	200 / 240 (Max Peak 2 mins / 25 °C)
Built-in Circuit Breaker	125A 4P, 60Vdc
Dimensions - W*D*H (in / mm)	23.6" × 7.9" x 32.7 / 600 × 200 x 830mm (Without hanging board)
Weight (lbs/ kg)	235.9 / 107

Main Parameters

Storage Conditions (°F/°C)	32 °F to 95 °F / 0 °C to 35 °C
Operating Temperature (°F/°C)	Charge: 33 °F to 131 °F / 1 °C to 55 °C Discharge: -4 °F to 131 °F / -20 °C to 55 °C
Recommended Operating Temperature	59 °F to 95 °F / 15 °C to 35 °C
Recommended Depth of Discharge	90%
Master LED Indicator	LED (SOC: 20% to SOC 100% and working state)
Max Altitude	≤Max. 9,843 ft (3,000m)
Humidity	5%~95%
Cycle Life	≥6000 (25°C±2°C,0.5C/0.5C,90%DOD,70%EOL)
Communication	CAN2.0, RS485

General Information

Certifications	UN38.3, FCC, UL 1973, UL 9540A
Installation Method	Wall-Mounting or Floor-Mounting
Installation Scene	Indoor or Outdoor
IP Rating / NEMA	IP65 / NEMA 3R
Warranty	15 years / 6,000 cycles
Energy Throughput	32 MWh(@25 °C, 0.5 °C / 0.5 °C, 70%EOL)