

NEOVOLTA™



10.2 kWh Battery

NVPLUS

Designed, Engineered, and
Assembled in California since 2018

LiFePO4 (LFP)

Integrated BMS

Nema 3R

Non-Toxic materials

Max. 16 pcs Parallel

800.364.5464

NEOVOLTA.COM

Main Parameter

Battery Chemistry	LiFePO4
Built-in Circuit Breaker	125A 4P, 60Vdc
Capacity (Ah)	200
Scalability	Max. 32pcs in parallel 326kWh
Nominal Voltage (V)	51.2
Operation Voltage (V)	43.2 ~ 57.6
Nominal Energy (kWh)	10.24
Usable Energy (kWh)	9.2
Charge Discharge Current (A):	
Recommend	Charge: 100 / Discharge: 100
Max.	Charge: 198 / Discharge: 240
Peak (2mins, 25°C)	300

Compliance Information

Certifications: UN38.3, FCC, UL1973, UL9540A

General Information

Recommend Depth of Discharge	90%
Dimension (W x H x D)	23.6"×32.7"×7.9" (600×830×200mm, Without hanging board)
Weight	235.9 lbs. (107kg)
Master LED Indicator	LED(SOC:20%~SOC100% and working state)
IP Rating of Enclosure	NEMA 3R (IP65)
Operating Temperature	Charge: 33°F~131°F (1~55°C) / Discharge: -4°F~131°F (-20°C~55°C)
Recommended Operating Temperature	59°F~95°F (15°C~35°C)
Storage Temperature	32°F~95°F (0~35°C)
Humidity	5%~95%
Altitude	≤Max. 9,843 ft (3,000m)
Cycle Life	≥6000(25°C±2°C,0.5C/0.5C,90%DOD,70%EOL)
Installation	Wall-Mounted, Floor-Mounted
Communication Port	CAN2.0, RS485
Warranty Period	15 years/6000 Cycles
Energy Throughput	32MWh(@25°C, 0.5C/0.5C, 70%EOL)