



BlueWave

Catch the Energy Wave

Introducing **BlueWave** by Blue Planet Energy, your **all-in-one** residential energy storage solution with energy capacities ranging from 3 to 48 kWh. Optimizing space and equipped with everything you need, it includes a built-in BMS, BMU, communication features, and the option for AC and DC inverters. Our innovative neuClick technology includes the neuClick Box, which weighs less than 50 lbs and easily clicks into the Transfer Power Rod. This results in installations of less than **two hours** and can be completed by **one technician** using minimal tools. Powered by LFP batteries, BlueWave ensures reliable energy supply with exceptional safety and density. This is the future of advanced energy storage.



INNOVATIVE

neuClick tech and design elements evolve the user experience



EXPANDABLE

Modular and scalable with capacities of 3-48 kWh (3 kWh increments)



EFFICIENT DESIGN

For a seamless and quick install in less than 2 hours



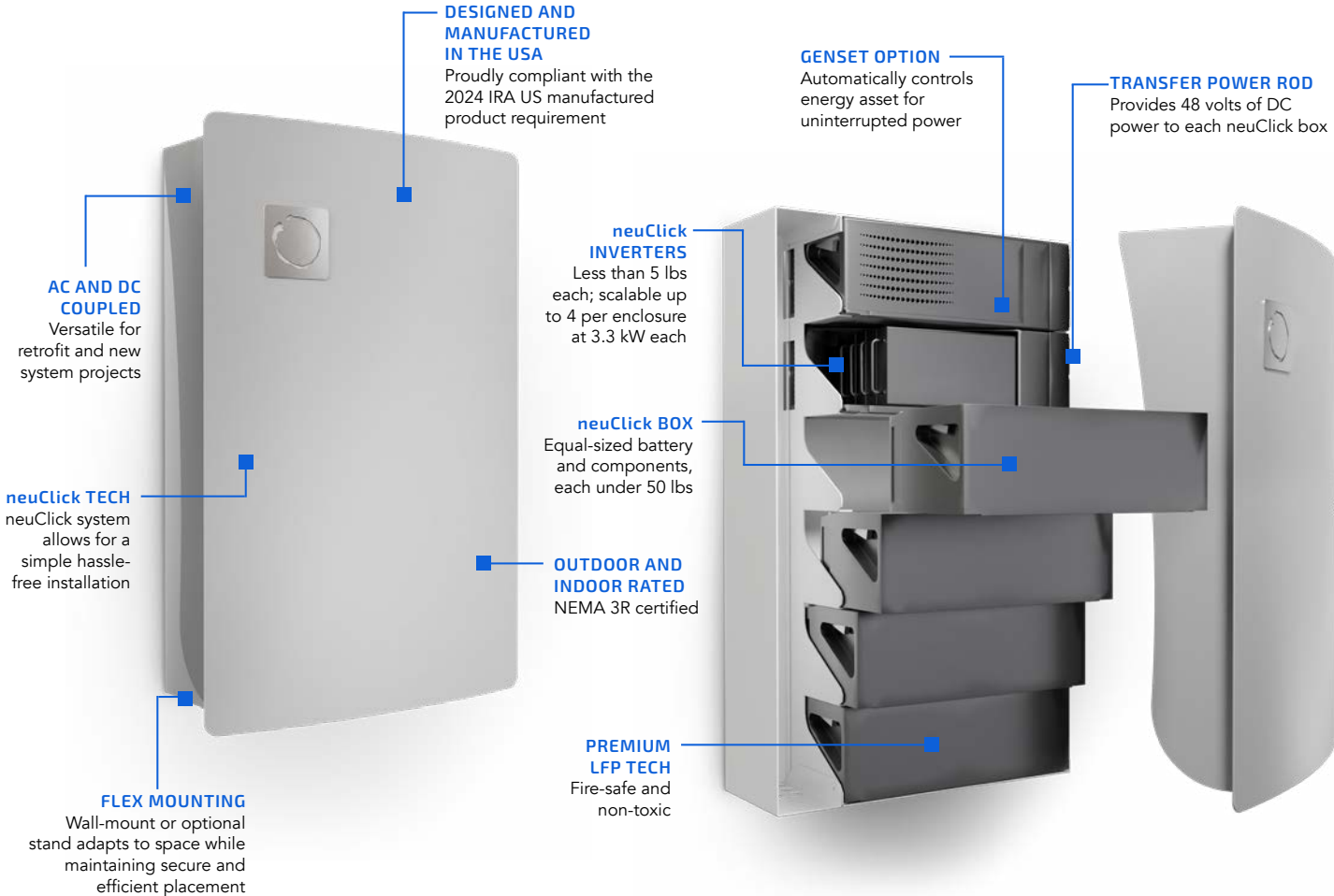
DEPENDABLE

Reliable LFP battery chemistry and 10-year warranty

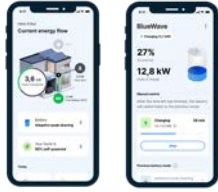


ACCESSIBLE

Field serviceable with single point of service



BLUEWAVE MOBILE APP



- Remote energy monitoring and management
- Real-time and historical energy insights (battery SOC, energy consumption, etc.)
- Single app to monitor energy ecosystem
- Clear data visualization for understanding and guiding energy usage decisions
- System alerts and notifications
- Available for iOS and Android

SPECIFICATIONS

Performance

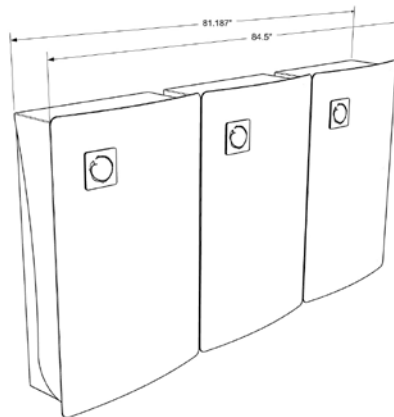
AC VOLTAGE	120 / 240 Vac Split Phase
FREQUENCY	60 Hz
INVERTER CAPACITY	3.3 - 13.2 kW, 3.3 kW increments
CONTINUOUS POWER RATING (kW)	1.65 - 13.2 kW
PEAK POWER RATING (kW)	3.9 - 15.8 kW
AC/DC COUPLED ¹	Yes
OFF-GRID CAPABLE	Yes
GENERATOR CHARGING	Yes
USABLE CAPACITY	3-48 kWh, 3 kWh increments
PARALLEL STACKING	Yes, up to 48 kWh
CHEMISTRY	Lithium Ferrous Phosphate (LiFePO4)
DEPTH OF DISCHARGE (DoD)	100%
PERFORMANCE WARRANTY	10-year, 100% DoD (optional 15 year)
PRODUCT WARRANTY	10-year (optional 15 year)
ROUND TRIP EFFICIENCY	90%

¹DC option available Q2 2024

Mechanical

DIMENSIONS	39.89”H x 24.75”W x 9.5”D
WEIGHT	250 lb - 400 lb (all components <50 lb ²)
ACCESSORIES (Optional)	Stand

²OSHA compliant



SIDE-BY-SIDE INSTALL

Environmental

MAX TEMPERATURE RANGE	-4°F to +122°F -20°C to +50°C
NORMAL TEMPERATURE RANGE	32°F to 86°F 0°C to 30°C
ENCLOSURE TYPE	Outdoor (NEMA 3R)
MAX ELEVATION	3,000 M
NOISE LEVEL	<40 dba

Connectivity

BLUETOOTH	Yes
WIFI	Yes
LAN	Yes
INTERFACE	CAN, RS485 Modbus
MONITORING	iOS, Android
PROGRAMMABLE CONTROLS	Yes

Compliance Info³

CERTIFIED TO	UL 9540, UL 9540A, UL 1642, UL 1741, UL 1973, UN 38.3, UL 1741 SA, IEEE 1547, RULE 21, HECO Listed
EMISSIONS	FCC Part 15 Class B, ICES-003 Class B

³Pending certifications

