

Enphase **Storage System**

Enphase **AC Battery**



The Enphase **AC Battery™** is **simple** to install, **safe**, very **reliable**, and provides the lowest lifetime energy cost for both new solar customers and retrofit customers. In addition, as an installer, you can design the right system size to meet the needs of the homeowner.

GREATER RELIABILITY

- Lithium iron phosphate (LFP) chemistry for long cycle life
- 10-year warranty
- Modular design promotes redundancy

SIMPLER

- Quick and easy single person installation
- Plug and play installation
- Interconnects with standard household AC wiring

SAFER

- No high voltage DC in system
- Cells safety-tested and certified by TÜV Rheinland
- Prismatic cells are highly stable over time

Enphase **AC Battery** // DATA

OUTPUT DATA (AC)	@ 240 VAC
Peak output power	280 VA
Rated (continuous) output power	270 VA
Nominal frequency	60 Hz
Extended line to neutral voltage range	211 to 264 VAC
Extended frequency range	57 to 61 Hz
Power factor	0.7 leading to 0.7 lagging
Maximum units per 20 A branch circuit	13

BATTERY CHEMISTRY

Capacity	1.2 kWh
Depth of discharge (usable capacity)	>95%
Ambient temperature range	-20°C to 45°C (-4°F to 113°F)
Chemistry	Lithium Iron Phosphate (LFP)
Cell safety certifications	TUV Rheinland, UL
Roundtrip cell efficiency	96%

MECHANICAL DATA

Dimensions ¹	390 mm (W) x 325 mm (H) x 220 mm (D) / (15.4" x 12.8" x 8.7")
Weight	25 kg (55 lbs)
Installation	Wall mounted in an indoor, unoccupied space using standard AC wiring in conduit or in wall, where allowed.
Enclosure	IP20 / NEMA 2
Cooling	Natural convection – No active or passive cooling infrastructure required

FEATURES AND COMPLIANCE

Advanced grid functionality	Includes power export limiting, reactive power control, phase imbalance management
Compatibility	Compatible with PV systems using the Enphase Envoy-S™ Metered gateway
Communication	Power Line Communication (PLC), TCP/IP through Envoy-S
Services	Maximizing self-consumption, time of use optimization, power export limiting
Monitoring	Enlighten Manager and MyEnlighten monitoring options
Compliance	Certification Pending: UL 1741, UL 1973, UL 9540; UN 38.3

1. Mounting wall plate is 490 mm (19.3") wide, which when interleaved allows for 400 mm (16") battery-to-battery spacing.

To learn more about Enphase Microinverter technology,
visit enphase.com

