

Enphase **Storage System**

Enphase **AC Battery**



The Enphase **AC Battery**,[™] is an integrated energy storage system that delivers **high performance** and **superior reliability**, with the **safest battery technology**. Its **modular architecture** can be cost-effectively tailored to fulfill your customer's individual energy needs now and in the future if their needs change.

GREATER RELIABILITY

- Lithium iron phosphate chemistry for long cycle life
- 10-year warranty
- No single point of failure

LOWER UP-FRONT COSTS

- Low storage system cost, fast installation and unique modularity allow you to design the right system for your customer

SAFER

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

Enphase **AC Battery** // DATA

OUTPUT DATA (AC)	@ 230 VAC
Peak output power	270 VA
Rated (continuous) output power	260 VA
Nominal frequency	50 Hz
Extended line to neutral voltage range	184 to 276 VAC
Extended frequency range	45 to 55 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
Chemistry	Lithium Iron Phosphate (LFP)
Cell safety certifications	TUV Rheinland, UL
Roundtrip cell efficiency	96%
MECHANICAL DATA	
Dimensions ¹	390 (W) mm x 325 (H) mm x 220 (D) mm
Weight	25 kg
Installation	Wall mounted in an indoor, unoccupied space using standard AC wiring in conduit or in wall, where allowed.
Enclosure	IP20
Cooling	Natural convection – No active or passive cooling infrastructure required
Grid configuration	TT/TN
FEATURES AND COMPLIANCE	
Advanced grid functionality	Includes power export limiting, full power factor control, and phase imbalance maintenance
Compatibility	Compatible with PV systems using the Enphase® Envoy-S Metered gateway
Communication	Power Line Communication (PLC), TCP/IP through Envoy-S
Services	Maximising self-consumption, time of use optimisation, power export limiting
Monitoring	Enlighten Manager and MyEnlighten monitoring options
Compliance	Certification Pending: AS/NZS 4777.2, AS/NZS CISPR 22, AS/NZS 62040.1.1, UN ST/SG/AC.10/1/Rev.16
LIMITED WARRANTY	
Limited Warranty ²	> 80% capacity, up to 10 years or 7300 cycles

1. Mounting wall plate is 490mm wide, interleaved, allowing 450mm battery-to-battery spacing.

2. Whichever occurs first. Restrictions apply.

To learn more about Enphase Microinverter technology,
visit enphase.com/en-au

