

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
- No single point of failure

SIMPLER

- Speed of installation: one person can install in 2 hours
- 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)		@ 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 plates allow for 450 mm or 600 mm battery-to-battery spacing.

2. Whichever occurs first. Restrictions apply.

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

