

# 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.



## 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

## Greater Reliability

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

# Enphase AC Battery

<b>OUTPUT DATA (AC)</b>		<b>@ 230 VAC</b>
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
Peak inverter efficiency		96.9%
<b>BATTERY CHEMISTRY</b>		
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 <sup>1</sup>		96%
<b>MECHANICAL DATA</b>		
Dimensions <sup>2</sup>		390 mm (W) x 325 mm (H) x 220 mm (D) (without bracket)
Weight		25 kg
Installation		Wall mounted in an indoor, unoccupied space using standard AC wiring in conduit or in wall, where allowed.
Enclosure		Indoor – IP20
Cooling		Natural convection – No active or passive cooling infrastructure required
Grid configuration		TN-C-S
<b>FEATURES AND COMPLIANCE</b>		
Compatibility		Compatible with grid-tied PV systems using the Enphase Envoy-S™ Metered gateway
Communication		Power Line Communication (PLC), TCP/IP through Envoy-S
Services		Maximising self-consumption of solar, time-of-use bill management, power export limiting <sup>3</sup>
Monitoring		Enlighten Manager and MyEnlighten monitoring options
Compliance		Certification Pending: AS/NZS 4777.2, AS/NZS CISPR 22, AS/NZS 62040.1.1, UN 38.3
<b>LIMITED WARRANTY</b>		
Limited Warranty <sup>4</sup>		>80% capacity, up to 10 years or 7300 cycles

1. At 25°C.

2. Mounting wall plate is 490/650mm wide, interleaved, allowing 450 mm or 600 mm battery-to-battery spacing.

3. Optional. Requires Enphase S-Series Microinverters™ to implement.

4. Whichever occurs first. Restrictions apply.

To learn more about Enphase offerings, visit [enphase.com/au](http://enphase.com/au)