

Qcells Q.HOME+ ESS HYB■G1

8.6 kW Hybrid Solar Inverter with 1× 6.3 kWh Lithium Battery

Overview

The Qcells Q.HOME+ ESS HYB■G1 is a modular hybrid solar inverter system designed for residential applications. It integrates seamlessly with one or more lithium-ion batteries to provide backup power, load shifting, and energy independence. This system includes an 8.6 kW hybrid inverter paired with one 6.3 kWh lithium-ion battery module, scalable up to ~18.9 kWh.

Key Features

- Modular and scalable: expand battery capacity up to 18.9 kWh
- Backup capability: delivers up to ~7.5 kW AC during outages
- High efficiency: up to 95.7% conversion efficiency
- Depth of Discharge (DoD): 90%
- Compact wall-mount design
- Remote monitoring and diagnostics via app/web portal
- 10-year product and performance warranty

Feature	Specification
Inverter Power	8.6■kW
Battery Capacity	1×■6.3■kWh (expandable to ~18.9■kWh)
Backup Output	Up to ~7.5■kW AC
Efficiency	Up to 95.7%
Depth of Discharge (DoD)	90%
Inverter Dimensions	36×22×10.9 in (913×560×276 mm)
Battery Dimensions	18.3×7.6×23.1 in (464×193×588 mm)
Weight	Inverter ~59■kg; Battery ~67.5■kg
Monitoring	Web & mobile app; remote diagnostics
Coupling Options	AC- and DC-coupled compatibility
Warranty	10 years (product and performance)