

# DYNESS CYGNI BATTERY SYSTEM

## What Makes the Dyness Cygni the Best Hybrid Inverter Battery System?

The Dyness Cygni series is designed for both new installations and retrofits, available in hybrid (HS) and AC-coupled (AS) models with 8kW or 10kW rated power. At its core is a 10kW hybrid inverter boasting 200% oversizing capability, allowing it to handle peak loads effortlessly. With three MPPT trackers, it optimizes solar input from multiple panels, maximizing efficiency in diverse setups. Whether you're powering a modern smart home or upgrading an existing PV system, this ESS ensures minimal energy waste.

One standout feature is the 1C ultra-rapid charge rate. **A full 15.36kWh battery stack can charge in just one hour,** making it ideal for regions with variable sunlight or high energy demands. Each battery module offers 3.84kWh nominal capacity (usable 3.45kWh), stackable up to four units for a total of 15.36kWh. This modularity lets you start small and expand as needs grow, perfect for residential solar storage systems.

Safety and durability are paramount. The IP66 rating protects against dust and water, enabling outdoor installation in harsh environments. **An inbuilt fire extinguisher adds peace of mind,** while the slim 180mm depth design—reminiscent of sleek Anker models—fits discreetly on walls without dominating space. Built-in anti-islanding protection, overvoltage safeguards, and cell balance technology ensure long-term reliability, with a cycle life exceeding 8,000 cycles.