

Residential Energy Storage

6.6kW-12000pV IP54 Protection 6.6kW-12000pV

The 6.6kW-12000pV Hybrid Inverter is a single-phase solar inverter designed to provide flexible energy management for modern solar power systems. With 12,000W PV input capacity, grid-feeding capability and IP54 protection, it can efficiently manage solar energy while supporting grid connectivity and battery-based energy storage.

Wide Compatibility

The 6.6kW-12000pV Hybrid Inverter is engineered to accommodate a variety of solar power solutions. Its hybrid architecture ensures solar generation integrates with battery storage and grid energy, enabling users to optimize available energy resources based on system needs. The PV input capacity of the inverter, 12,000W also offers flexibility in designing a solar system with a higher installed PV capacity. This makes it a convenient option for applications that desire to connect as much solar energy as possible to the inverter.

Superb Safety & Reliability

Replaceable fan design for ease of maintenance
Selectable high power charging current
Battery independent design
Configurable AC/PV output usage timer and prioritization
Built-in 2 MPP trackers based on models