



# Unlocking Energy Independence with Sunket's 12kW Split-Phase Hybrid Inverter V1.4

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Ever wondered how to power your entire house during blackouts while slashing electricity bills? Meet the 12kW Split-phase Hybrid Inverter v1.4 from Sunket New Energy - the Swiss Army knife of power conversion that's revolutionizing how homes and businesses harness solar energy. This technological marvel doesn't just convert DC to AC power; it's your personal energy maestro conducting a symphony between solar panels, grid power, and battery storage.

### Why This Inverter Outshines Conventional Models

Unlike traditional inverters that work like one-trick ponies, Sunket's hybrid solution operates like a power traffic controller. Here's what sets it apart:

- Simultaneously manages 3 energy sources: solar, grid, and batteries
- Intelligently prioritizes solar consumption (saving 60-80% on energy bills)
- Automatic switchover to battery backup in 8ms during outages

### The Split-Phase Advantage

Imagine trying to power heavy appliances with a garden hose - that's single-phase vs split-phase power. The split-phase technology in this 12kW unit delivers 240V power like a firehose, effortlessly running:

- Central AC units (up to 5-ton capacity)
- Electric vehicle chargers (Level 2 charging compatible)
- Commercial-grade kitchen equipment

### Real-World Performance Metrics

Recent field tests in Arizona's punishing heat showed:

Metric	Result
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Peak Efficiency	98.3% @ 25°C ambient
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Nighttime Standby Consumption	
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Web: <https://www.sphoryzont.edu.pl>