

Intelligent Power Conversion

Advanced hybrid inverters integrating solar, battery, and grid into a single optimized system. From 3.5 kW to 10 kW with high-efficiency MPPT and intelligent load management.

KEY FEATURES

■ Pure Sine Wave

230 VAC, 50/60 Hz. Clean power for sensitive equipment and precision electronics.

■ 99.9% MPPT Efficiency

Maximum power point tracking with over 99.9% efficiency. Peak solar performance.

■ Up to 9 in Parallel

Total scalability. Connect up to 9 units to reach 90 kW of combined power.

■ Flexible 48V Battery

Compatible with lithium (LiFePO4) and lead-acid batteries. Maximum storage versatility.

■ 10ms Switchover

Automatic switching between grid, solar, and battery in under 10 milliseconds. Zero interruptions.

■ Full Connectivity

RS485, CAN, USB, WiFi/GPRS. Remote monitoring and control from the Eneraq platform.

PROTECTION & CERTIFICATIONS

■ IP Rating

IP20

■ Noise Level

< 60 dB

■ EMC

EN61000

■ Cooling

Forced air

■ Certification

CE (IEC62109-1)

■ Display

LCD + LEDs

THREE OPERATION MODES

Total adaptation to every energy scenario

■ Grid-Tied

Prioritizes solar self-consumption, sells surplus to the grid, and uses the grid as backup. Maximizes electricity bill savings.

■ Hybrid

Combines the best of both worlds. Solar self-consumption with storage and grid backup for maximum reliability.

■ Off-Grid

100% autonomous operation with solar and batteries. Ideal for remote locations without grid access.

THE RIGHT INVERTER FOR EVERY PROJECT

Our technical team helps you select and size the optimal inverter for your installation.

Eneraq

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European technology · In-house R&D