WHOLESALE DIESEL GENERATORS
A DIVISION OF NORTH STAR LOGISTICS LLC
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Mobile Power Hybrid Inverter

30 KW at 60Hz
Model: MP30K-60S

Our 30kW hybrid inverter holds advantages of efficient energy conversion, intelligent management, integrated on-grid & off-grid design, modular flexibility, high reliability, and environmental and economic benefits. It is widely applied in microgrid projects for residential, commercial, industrial, and remote areas, providing users with a stable and efficient energy solution.

Model		MP30K-60S
Inverter		
Output Freguency and Voltage		50/60Hz:3L+N+PE/400V
Rated AC Output and UPS Power	kW	30
Peak Power 10s	kW	37.5
Max AC Output Current (A) Maximum	A	43.5
Max Efficiency		97.8%
Charging		
Max Charging Current	A	100
Max Discharging Current	A	100
Solar		
Max PV Input Power		19.2KW+19.2KW
Max Open Circuit Voltage	V	850
MPPT Efficiency		>99%
MPPTs Range	V	200~800
Batteries		
Rated Voltage	V	614.4
Rated Capacity	KWh	61.44 multiplied by number of modules
Max No. Modules		12
Working Temperature		Charging Temperature 0~65°C/Discharging Temperature -20~65°C
Design Life		10+ Years
Cycle Life		>6000 Cycles(25°C)
Authentication Level		IEC62619/CE/UN38.3
Warranty		10 Years to 80% retention(25°C)

Mobile Power Hybrid Inverter

Efficient Energy Conversion and Intelligent Management

Efficient Energy Conversion: Our 30kW hybrid inverter features advanced electronic components and intelligent control systems that efficiently convert the direct current generated by solar panels into alternating current, maximizing energy utilization.

Intelligent Monitoring: Equipped with an intelligent monitoring and management system, it can monitor the working status, energy output, and efficiency of the photovoltaic system in real-time. It also supports remote control and data management, enhancing operation and maintenance efficiency while reducing the risk of failure.

Efficient Energy Conversion and Intelligent Management

Dual-mode Operation: The inverter supports both on-grid and off-grid modes. It can operate in parallel with the grid to generate power when the utility grid is normal, and automatically switch to off-grid mode when the grid is abnormal, ensuring the continuity of power supply.

Efficient Energy Conversion and Intelligent Management

Modular Parallel Connection: It supports parallel connection of multiple units, allowing for flexible system capacity expansion according to user needs. It is suitable for a wide range of scenarios, from small-scale residential to large-scale commercial and industrial applications.

Wide Adaptability: It is compatible with various energy combinations, such as photovoltaic (PV), wind power, and diesel generation. It can be customized to meet user requirements and optimize energy utilization.

High Reliability and Safety

High Durability: Made with high-quality materials and sealed manufacturing processes, it can operate stably in harsh environments such as high temperatures and humidity, making it suitable for long-term use.

High Safety: It features comprehensive fault early warning and protection mechanisms to ensure the safe and stable operation of the system, reducing potential safety hazards.