

PEES Power Systems

The largest three-phase photovoltaic inverter



Features and applications
170kW, 110V/208V/240V

100% efficiency



Overview

This Hybrid V3 30KW is the single largest 3-phase inverter we offer at the moment with 230V (P-N) / 400V (P-P) output and it is designed mainly for industrial application with a DC nominal base voltage of 384V. Redundancy through a distributed method supports overall system uptime. With our high current rated DC inputs, systems can. Maximize energy production, safety and reliability with our range of easy to install inverters for small-medium size commercial projects. Reduce time onsite with installation validation. Unlike traditional industrial size UPS which relies mainly on grid power during normal. Solar inverters—the technology that converts the direct current (DC) from sun panels to usable alternating current (AC) for domestic, business, and grid applications—remain responsible for the scalability and performance of solar systems.

The largest three-phase photovoltaic inverter



Best 3 Phase Solar Inverter [Updated: February 2026]

Top Recommendation: POWLAND 12000W Grid-Tied Solar Hybrid Inverter 48V. Why We Recommend It: This model offers exceptional 99.9% MPPT efficiency, outperforming others like the ...

MPP Solar Inc » Hybrid V3 30KW (Industrial)

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- LiFePO₄ Battery, safety**
- Wide temperature: -20~55°C**
- Modular design, easy to expand**
- Wall-Mounted&Floor-Mounted**
- Intelligent BMS**
- Cycle Life: > 6000**
- Warranty: 10 years**



Largest Solar Inverter Sizes: Boosting Efficiency

To picture the massive solar inverters market, one must consider some of the most famous brands and models that are known for their technology, capacity, and reliability. Below is a ...

Best Solar Inverters 2025

While this article primarily focuses on the leading residential, single-phase string solar inverters, most manufacturers also produce a range of inverters designed for larger 3-phase ...



SolaX X3-GRAND HV PV Inverter

The X3-GRAND grid tied inverter is designed for both new and retrofit ground-based solar power station projects. Designed for durability, the utility-scale inverter supports operation at altitudes up to 5000 ...

SolarEdge Three Phase Commercial Inverters , SolarEdge

Maximize energy production, safety and reliability with our range of easy to install inverters for small-medium size commercial projects. Reduce time onsite with installation validation. Go bigger with ...



3-phase inverters

This technology is especially designed

LPSB48V400H
48V or 51.2V



for commercial, industrial and large private PV systems from around 10 kW and forms the basis for efficient energy conversion, grid stability and high power ...

Commercial Solar Inverters

The transformerless, three-phase Fronius Symo Advanced 22.7-3 string inverter handles up to 29,500 Watt DC input and delivers 22,700 Watt AC output for commercial solar installations with a 480V, 3 ...



3 Phase Solar Power Inverter - Complete Guide and Product ...

Three-phase inverters transmit more power than single-phase models. Essential for powering many appliances simultaneously (e.g., dishwasher + EV charger) or running commercial ...

Solis 250-350kW Three Phase Grid-Tied Inverter_Solar inverter

Solis' largest three-phase, 1500 VDC PV

string inverter has 12 MPPT (250, 300 and 350) or 16 independent MPPTs (350K) options that allow for great redundancy in larger systems.



Contact Us

For catalog requests, pricing, or partnerships, please visit:
<https://peregrine-energy.co.za>

