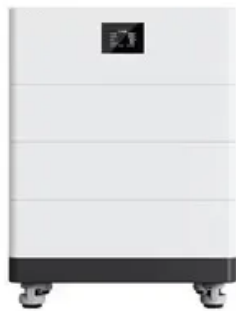


PIENAAR ENERGY (PTY) LTD

Wide-voltage sine wave inverter



Wide-voltage sine wave inverter



800VA Pure Sine Wave Inverter's Reference Design (Rev

The pure Sine Wave inverter has various applications because of its key advantages such as operation with very low harmonic distortion and clean power like utility-supplied electricity, ...

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DC/AC Inverters · DC/AC Pure Sine Wave Inverters · Schaefer

DC-AC Pure Sine Wave Inverters
Schaefer's broad range of dc-ac pure sine wave inverters, with power ratings from 700W to 45KVA (Parallel for higher output power), feature rugged designs and high ...

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 Efficient Higher Revenue

- Max. Efficiency 97.5%
- Max. PV Input Voltage 1000V
- 120% Peak Output Power
- 2 MPP Trackers, 150% DC Input Overvoltage
- Max. PV Input Current 15A, Compatible with High Power Modules

 Intelligent Simple O&M

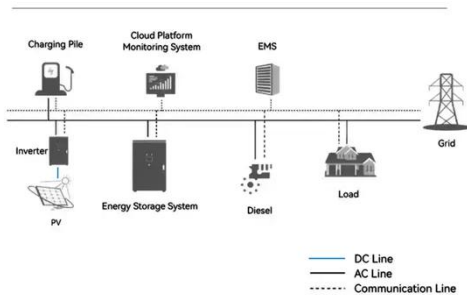
- IP66 Protection Degree, support outdoor installation
- Smart VI Curve Tracking Function: locate PV string faults accurately and automatically detect faults
- DC & AC Type II SPD, prevent lightning damage
- Battery Reverse Connection Protection

 Flexible Abundant Configuration

- Plug & Play, EPS Switching Under 10ms
- Compatible with Lead-acid and Lithium Batteries
- Max. 6 Units Inverters Parallel
- AFCC Function (Optional): when an arc fault is detected the inverter immediately stops operation

High voltage DC-AC sine wave inverters accept wide input ...

System Topology



The high input voltage DC-AC sine wave inverters are designed for industrial applications that require clean sine wave AC-output voltage. They are suitable for operation in industrial automation and ...

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CSI 100-3W-F1 Series DC-AC Sine Wave Inverters

The CSI 100-3W-F1 series of microprocessor controlled DC-AC inverters deliver up to 100VA pure sine wave output voltage. The inverters offer a wide operating input range of 20-60Vdc, which allows ...

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AN-CM-374 Sine Wave Based Inverter

SLG47004 This app note describes how the AnalogPAK SLG47004 can be used as the core of a sine wave-based inverter useful for automotive and renewable energies application. It ...

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Design of a 100 kHz wide bandgap inverter for motor ...

In this work, a three-phase GaN inverter operating at 400 V DC-link voltage with

100 kHz PWM frequency is designed in combination with an actively damped two-stage sine wave filter.

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EPEVER-Datasheet-SHI

Adoption of advanced SPWM technology, pure sine wave output Dynamic current loop control technology to ensure inverter reliable operation Wide DC input voltage range Low output ...

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