

## PEES Power Systems

# Rooftop PV String Inverter



**Efficient  
Higher Revenue**

- Max. Efficiency 97.5%
- Max. PV Input Voltage 600V
- 150% Peak Output Power
- 2 MPP Trackers, 150% DC Input Oversizing
- Max. PV Input Current 16A, Compatible with High Power Modules



**Intelligent  
Simple O&M**

- IP66 Protection Degree: support outdoor installation
- Smart I-V Curve Diagnosis 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
- AFCI Function (Optional): when an arc-fault is detected the inverter immediately stops operation



## Rooftop PV String Inverter

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### **Fronius unveils residential string inverter for rooftop solar - pv**

Fronius has announced the release of the Gen24 inverter, an inverter designed to support rooftop residential solar installations and home battery energy storage. The string inverter is widely ...

### **Discover Sunny Tripower CORE1 String Inverter , SMA America**

The Sunny Tripower CORE1 is the world's first free-standing string inverter. Its innovative design reduces installation costs for commercial rooftops, carport and ground mount PV systems.



### **Solis Unveils New 60kW and 125kW String Inverters, Expanding Its ...**

Solis, a global leader in photovoltaic (PV) inverters, proudly announces the launch of two groundbreaking string inverters for the US and Canadian markets: the 60kW 208V and the 125kW ...

## How SuperFlex Design makes string inverters feasible for any roof

In contrast to models from 10 years ago, modern string inverters now provide high flexibility while keeping cost and complexity low. Fronius has always focused on design flexibility and ...



## What is a String Solar Inverter and How Does it Work?

In this article, we'll explore the design, working principle, cost advantages, and comparative performance of string inverters, providing a complete understanding of why they remain a cornerstone of modern ...

## Solar Inverters

This page highlights GoodWe's extensive lineup of solar energy solutions, featuring residential and commercial grid-tied inverters, utility-scale systems, energy storage options, batteries, EV chargers, ...



## String level DC performance analysis in Rooftop photovoltaic systems



Rooftop photovoltaic (PV) systems are a feasible option to address electricity costs in both residential and industrial sectors. It must be highlighted that multi-string inverters boost the penetration of this ...

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