

# Solar Inverter - 10 kVA to 200 kVA, 300-600VDC

This solar inverter series ranges from 10 kVA to 200 kVA and supports PV inputs of 300VDC to 600VDC. It operates at 50Hz/60Hz with a 5% tolerance and is designed for reliable energy conversion.



## Product Overview

### TYN33 Series Solar Inverter

The TYN33 series is a high-performance, three-phase intelligent solar inverter ranging from 10kVA to 200kVA. Engineered with advanced IGBT technology and a built-in MPPT controller, it offers flexible work modes to maximize solar utilization and reduce grid dependency. Designed for reliability, the system features comprehensive protection protocols and intelligent remote monitoring capabilities, making it an ideal power solution for professional applications.

## Technical Specifications

### Capacity Range

- 10 kVA (8 kW)
- 20 kVA (16 kW)
- 30 kVA (24 kW)
- 40 kVA (32 kW)
- 50 kVA (40 kW)
- 60 kVA (48 kW)
- 80 kVA (64 kW)
- 100 kVA (80 kW)
- 120 kVA (96 kW)
- 160 kVA (128 kW)
- 200 kVA (160 kW)

### Output Waveform

Pure sine wave

## Key Features

### System Highlights

Pure Sine Wave Output, Built-in MPPT Controller, IGBT Technology, Remote Monitoring, 4-Layer PCB Design, Intelligent Protection

## Operational Modes

### Selectable Work Modes

Mode	Description
PV-Grid-Battery	Prioritizes solar power, shares load with utility, reduces battery cycling.
PV-Battery-Grid	Maximizes solar consumption by utilizing battery storage before grid transition.

## Connectivity

### Interfaces

RS232 • RS485 • SNMP (Optional) • Dry Contact (Optional)