

# XN5548 & XN5548-P

## Single Phase Off-Grid Solar Inverter



### Efficient Higher Revenue

- Built-in 110A MPPT solar charge
- Wide PV input voltage range

### Intelligent Simple O&M

- Over load / over temperature / short circuit protection
- Smart battery charger design, optimize battery performance

### Flexible Abundant Configuration

- Support grid / generator input
- Compatible with lithium battery
- Up to 6 units in parallel (P model)
- Multiple charging voltage levels for different batteries
- Multiple work mode, support AC priority, solar priority

|                                       | XN5548   | XN5548-P    |
|---------------------------------------|--|-------------|
| Rated Power                           | 5500VA/5500W   |             |
| <b>Input</b>                          |  |             |
| Voltage                               | 230Vac   |             |
| Selectable Voltage Range              | 170Vac~280Vac (for personal computers)<br>90Vac~280Vac (for home appliances)               |             |
| Frequency Range                       | 50Hz / 60Hz (auto sensing)   |             |
| <b>Output</b>                         |  |             |
| AC Voltage Regulation (Batt. Mode)    | 230Vac±5%  |             |
| Surge Power                           | 11000VA  |             |
| Overload Capability                   | 5s@ ≥ 150% load; 10s@110%-150% load  |             |
| Efficiency (Peak)                     | 94%  |             |
| Transfer Time                         | 10ms (for personal computers); 20ms (for home appliances)                                  |             |
| Waveform                              | Pure Sine Wave   |             |
| <b>Battery</b>                        |  |             |
| Battery Nominal Voltage               | 48Vdc  |             |
| Floating Charge Voltage               | 52Vdc  |             |
| Overcharge Protection                 | 62Vdc  |             |
| <b>Solar Charger &amp; AC Charge</b>  |  |             |
| Solar Charger Type                    | MPPT   |             |
| Maximum PV Array Power                | 6000W  |             |
| MPPT Range                            | 120Vdc~450Vdc  |             |
| Maximum PV Array Open Circuit Voltage | 500Vdc   |             |
| Maximum Utility Charge Current        | 80A  |             |
| Maximum Solar Charge Current          | 110A   |             |
| <b>Protection</b>                     |  |             |
| Protection                            | AC Short Circuit Protection, AC Over Current Protection, Over Temperature Protection, etc. |             |
| <b>Communication</b>                  |  |             |
| Display                               | LCD  |             |
| Communication Port                    | RS232 / RS485  |             |
| <b>Standard Compliance</b>            |  |             |
| Safety/ EMC                           | CE   |             |
| <b>General Data</b>                   |  |             |
| Dimension (W x H x D)                 | 297 x 472 x 133 mm   |             |
| Net Weight                            | 10.5kg   |             |
| Protect Degree                        | IP21   |             |
| Operating Temperature                 | 0° C ~ +55° C  |             |
| Storage Temperature                   | -15° C ~ +60° C  |             |
| Humidity                              | 5%~95% (non-condensing)  |             |
| Parallel                              | No   | Up to 6 pcs |