



# VHS5500

# 5500W

## ● Specification

|                     |           |             |
|---------------------|-----------|-------------|
| Rated Output Power  |           | 5500W       |
| Rated Input Voltage |           | 48V         |
| Dimensions          | Width     | 330mm       |
|                     | Height    | 470mm       |
|                     | Thickness | 125mm       |
| Approx. Weight      |           | 12kg        |
| Communication       |           | RS485, WIFI |
| Protection Degree   |           | IP20        |

## ● Parameters

|                        |                    |
|------------------------|--------------------|
| <b>Model</b>           | <b>VHS5500</b>     |
| Battery Voltage        | 48V                |
| Battery Type           | Lead Acid, Lithium |
| <b>Output</b>          |                    |
| Rated Output Voltage   | 230V               |
| Rated Output Frequency | 50/60Hz            |
| Output Waveform        | Pure Sinewave      |
| Efficiency             | 93%                |
| Output Current         | 24A                |
| <b>PV Input</b>        |                    |
| Solar Panel Power      | 5500W              |
| MPPT Voltage Range     | 90 – 450V          |
| Max Input Voltage      | 500V               |
| Max Charging Current   | 100A               |
| <b>Battery Input</b>   |                    |
| Voltage Range          | 40 – 60V           |
| Max Charging Current   | 100A               |

## ● Highlights

- Max PV Power is 1.5x rated output power
- Capable of connecting to power grid
- Able to upgrade software to enable for variety loads
- Able to bypass output without a battery
- Compatible with lead acid and Lithium battery
- Built-in battery activation function
- Support 48V battery input

