# Single-phase off-grid inverter

HJ-IO4833S(E-1)

## Product Introduction

The series of energy storage hybrid inverters connect, coordinate, and control photovoltaic systems, energy storage batteries, the power grid, and loads. They provide stable, safe, and clean electrical energy for residential, commercial, and industrial users, meeting energy demands in various scenarios

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## Parameter

| | |
|---|---|
| Production Model | HJ-IO4833S(E-1) |
| Max, Input Power | 4KW |
| MPPT Operating Voltage Range | 55-500V |
| Max.Short Circuit Current | 100A |
| Number of MPPT Trackers | 1+1 |
| Battery Voltage Range | 90-280V/170-280V |
| Max.Charge/Discharge Current | 100A/100A |
| Battery Type | Li-ion/Lead-acid |
| Nominal Power | 4.2KW |
| Nominal Voltage | 230V |
| Nominal Frequency | 50Hz/60Hz |
| Max.Current | 18A |
| Power Factor | ~1(0.8 lead - 0.8 lag can be set) |
| Operating Temperature Range | -20℃-55℃ |
| Cooling | Natural Convection |
| Relative Humidity | 0-90% |
| Display | LCD,WIFi+APP |
| Communication | RS485/RS232 |
| Installation | Wall-mounted |
| Dimension (W*D*H) | 405*305*108 |
| Weight | 6.7Kg |
| Production Certification | CE |

## Product Features

- Single - phase parallel
- Energy storage batteries
- Voltage level
- Maximum power

## Application Scenarios

This product features flexibility, high performance, and intelligent management capabilities. It can provide users with efficient, reliable, and cost-effective energy storage solutions, meeting the diverse energy needs in residential, and commercial sectors.