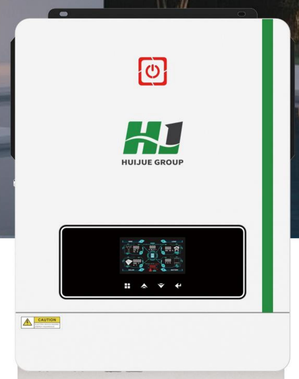
On/Off-grid Solar inverter

HJ-IO4811S(E-4)



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

HUIJUE GROUP

Parameter

Production Model	HJ-IO4811S(E-4)
Max, Input Power	14.5KW
MPPT Operating Voltage Range	60-450V
Max.Short Circuit Current	18A+18A
Number of MPPT Trackers	1+1
Battery Voltage Range	90-280V/170-280V
Max.Charge/Discharge Current	230A/230A
Battery Type	Lead-acid,lithium batteries,vented lead-acid battery, user customization
Nominal Power	11KW
Nominal Voltage	220/230/240V
Nominal Frequency	50Hz/60Hz
Max.Current	65A
Power Factor	~1(0.8 lead - 0.8 lag can be set)
Operating Temperature Range	-10℃-65℃（useabove45℃derated）
Cooling	Natural cooling
Relative Humidity	5~95%(surface no condensation)
Display	LCD
Communication	RS485/CAN
Installation	Wall-mounted
Dimension (W*D*H)	620*390*196(mm)
Weight	18.5Kg
Production Certification	IEC-62109

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.