High-Efficiency Single-Phase Grid-Tied Photovoltaic Inverter

HJ-IG4833S(E-20)

Product Introduction

Designed specifically for residential PV systems, it supports single-phase grid connection at 220V/230V. By integrating advanced MPPT (Maximum Power Point Tracking) algorithms and intelligent grid interaction technology, it ensures efficient conversion of solar energy and safe grid integration, helping homeowners reduce electricity costs and enhance energy self-sufficiency.

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Parameter

Production Model	HJ-IG4833S(E-20)
Max, Input Power	7KW
MPPT Operating Voltage Range	200-500V
Max.Short Circuit Current	20A
Number of MPPT Trackers	1
Nominal Power	3.6KW
Nominal Voltage	230V
Nominal Frequency	50HZ/60HZ
Max.Current	16A
Power Factor	0.8 leading ...0.8 lagging
Operating Temperature Range	-30~60
Cooling	Natural Convection
Relative Humidity	0~100
Display	OLED
Communication	RS485/WiFi/GPRS/LAN
Installation	Wall-mounted
Protection Degree	IP66
Dimension (W*D*H)	327*297*114mm
Weight	6.5kg
Production Certification	IEC, CE

Product Features

- Efficient Higher Revenue
- Intelligent Simple 0&M
- Intelligent Fault Detection
- Reliable Worry Free

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.