Three-Phase Grid-Tied Photovoltaic (PV) Inverter

HJ-IG48753T(E-32)

Product Description

Designed specifically for residential PV systems, it integrates a high-efficiency intelligent MPPT algorithm and is compatible with multiple types of PV modules. With three-phase balanced grid-connection capability and support for RS485/Wi-Fi remote monitoring, it serves as an ideal solution for households to achieve "self-consumption + surplus power feed-in" operations.

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Parameter

Production Model	HJ-IG48753T(E-32)
Max, Input Power	112KW
MPPT Operating Voltage Range	500 - 850V
Max.Short Circuit Current	38 x 6A
Number of MPPT Trackers	6
Nominal Power	75KW
Nominal Voltage	3P+N+PE /3P+PE 230/400
Nominal Frequency	50/60Hz
Max.Current	120A
Power Factor	1 default (adjustable from 0.8 leading to 0.8 lagging)
Operating Temperature Range	-25 to 60
Cooling	Intelligent fan cooling
Relative Humidity	0 ~ 100%
Display	LCD / LED+APP
Communication	RS485 / WiFi / Wire Ethernet / GPRS
Installation	Wall-mounted
Protection Degree	IP66
Dimension (W*D*H)	983 x 610 x 318mm
Weight	78kg
Production Certification	EN/IEC 61000-6-2, EN/IEC 61000-6-4, EN61000-3-11, EN61000-3-12,IEC 60068, UL1741, EN62109

Product Features

- Safe and reliable
- Intelligent and Friendly
- Efficient Power Generation
- Save on investment

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.