



Three-Phase Grid-Tied Photovoltaic (PV) Inverter

HJ-IG48803T(E-33)



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.

Product Features



Safe and reliable



Intelligent and Friendly



Efficient Power Generation



Save on investment

Parameter

Production Model	HJ-IG48803T(E-33)
Max. Input Power	120KW
MPPT Operating Voltage Range	180-1000V
Max.Short Circuit Current	40A
Number of MPPT Trackers	6
Nominal Power	80kW
Nominal Voltage	230V/400V, 3L / N / PE
Nominal Frequency	50Hz / 60Hz
Max.Current	133.4A
Power Factor	>0.99 (0.8 leading ~ 0.8 lagging)
Operating Temperature Range	-30° C ~ +60° C
Cooling	Smart Cooling
Relative Humidity	0 ~ 100%
Display	LCD / LED+APP
Communication	RS485/WiFi / GPRS / Ethernet
Installation	Wall-mounted
Protection Degree	IP66
Dimension (W*D*H)	780x585x333mm
Weight	77.8Kg
Production Certification	IEC 62109-1, IEC 62109-2, IEC 61000-6-2, IEC 61000-6-4, EN 62920, IEC 61727, IEC 62116, IEC 60068, IEC 61683

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.