

Three-Phase Grid-Tied Photovoltaic (PV) Inverter

HJ-IG48114T(E-34)



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-IG48114T(E-34)
Max. Input Power	150kW
MPPT Operating Voltage Range	530V ~ 850V
Max.Short Circuit Current	30A
Number of MPPT Trackers	10
Nominal Power	110kW
Nominal Voltage	230V / 400V, 3L / N / PE, 3L / PE
Nominal Frequency	50Hz / 60Hz
Max.Current	174.6A
Power Factor	>0.99 (0.8 leading ~ 0.8 lagging)
Operating Temperature Range	-30° C ~ +60° C
Cooling	Smart forced air cooling
Relative Humidity	0 ~ 100%
Display	LCD / LED+APP
Communication	RS485/WiFi / DRM/Bluetooth / Ethernet
Installation	Wall-mounted
Protection Degree	IP66
Dimension (W*D*H)	1050 x 660 x 330 mm
Weight	98kg
Production Certification	IEC/EN 62109-1/2, IEC/EN 61000-6-1/3, IEC/EN 61000-6-2/4, EN50549, RD244, UNE217001, UNE217002, NC RfG, TOR Erzeuger, NRS097-2-1, NB/T 32004

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.