

Three-Phase Grid-Tied Photovoltaic (PV) Inverter

HJ-IG4843T(E-29)



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-IG4843T(E-29)
Max. Input Power	32KW
MPPT Operating Voltage Range	200~1000V
Max.Short Circuit Current	32A/32A
Number of MPPT Trackers	2
Nominal Power	20KW
Nominal Voltage	230/400Vac,3L+N+PE/3L+PE
Nominal Frequency	50/60Hz±5HZ (adjustable)
Max.Current	35.3A
Power Factor	0.8 leading ~ 0.8 lagging (adjustable)
Operating Temperature Range	(-25°C~+60°C), auto derating is required if the ambient temperature exceeds 45°C
Cooling	Smart fan
Relative Humidity	0 ~ 100%
Display	LED, Bluetooth + APP
Communication	RS485/WiFi/4G/GPRS
Installation	Wall-mounted
Protection Degree	IP66
Dimension (W*D*H)	534 x 440 x 220mm
Weight	24kg
Production Certification	IEC/EN 62109-1/2, IEC/EN 61000-6-1/3, IEC60068, IEC61683, EN 50 VDE 4105, VDE 0124, RD244, UNE217001, UNE217002, NC RfG, AS4777 549, IEC61727/IEC62116, CEI 0-21, C10/C11,

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.