



Three-Phase Grid-Tied Photovoltaic (PV) Inverter

HJ-IG48603T(E-30)

HJ-IG48703T(E-31)



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-IG48603T(E-30)	HJ-IG48703T(E-31)
Max. Input Power	96kW	112KW
MPPT Operating Voltage Range	200-1000V	
Max.Short Circuit Current	39A	
Number of MPPT Trackers	3	
Nominal Power	60KW	70KW
Nominal Voltage	230V / 400V	277V / 480V
Nominal Frequency	50Hz / 60Hz	
Max.Current	95.6A	92.6A
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)	650 x 450 x 260 mm	
Weight	50kg	
Production Certification	IEC/EN 62109-1/2, IEC/EN 61000-6-1/3, EN50549, IEC61727/IEC62116,UNE217001, UNE217002, NC RfG, NRS097-2-1, NB/T 32004, BIS	

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.