

# Three-Phase Grid-Tied Photovoltaic (PV) Inverter

HJ-IG4843T(E-22)

HJ-IG4853T(E-23)

HJ-IG4863T(E-24)



## 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-22)	HJ-IG4853T(E-23)	HJ-IG4863T(E-24)
Max. Input Power	6.4KW	9KW	9.8KW
MPPT Operating Voltage Range	180V - 1000V		
Max.Short Circuit Current	18A		
Number of MPPT Trackers	2		
Nominal Power	4KW	5KW	6KW
Nominal Voltage	230Vac / 400Vac, 3L / N / PE		
Nominal Frequency	50/60Hz		
Max.Current	6.4A	8A	9.6A
Power Factor	>0.99 ( 0.8 leading ~ 0.8 lagging )		
Operating Temperature Range	-30° C ~ +60° C		
Cooling	Natural		
Relative Humidity	0 ~ 100%		
Display	LCD / LED+APP		
Communication	Optional: WiFi / GPRS / Ethernet		
Installation	Wall-mounted		
Protection Degree	IP66		
Dimension (W*D*H)	481 x 390 x 190mm		
Weight	12KG		
Production Certification	IEC/EN 62109-1/2, IEC/EN 61000-6-1/3, IEC61683, IEC60068, IEC61 EN50549, CEI0-21, C10/C11, VDE 4105, VDE 0124, G98/G99, RD244, UNE217001,UNE217002, NC RfG, TOR Erzeuger, AS4777, ABNT, 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.



# Three-Phase Grid-Tied Photovoltaic (PV) Inverter

HJ-IG4883T(E-26)

HJ-IG48103T(E-27)

HJ-IG48123T(E-28)



## 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-IG4883T(E-26)	HJ-IG48103T(E-27)	HJ-IG48123T(E-28)
Max. Input Power	12.8KW	16KW	19.2KW
MPPT Operating Voltage Range	180V - 1000V		
Max.Short Circuit Current	18A		
Number of MPPT Trackers	2		
Nominal Power	8KW	10KW	12KW
Nominal Voltage	230Vac / 400Vac, 3L / N / PE		
Nominal Frequency	50/60Hz		
Max.Current	12.8A	15.9A	19.1A
Power Factor	>0.99 ( 0.8 leading ~ 0.8 lagging )		
Operating Temperature Range	-30° C ~ +60° C		
Cooling	Natural		
Relative Humidity	0 ~ 100%		
Display	LCD / LED+APP		
Communication	Optional: WiFi / GPRS / Ethernet		
Installation	Wall-mounted		
Protection Degree	IP66		
Dimension (W*D*H)	481 x 390 x 190mm		
Weight	13.5KG		
Production Certification	IEC/EN 62109-1/2, IEC/EN 61000-6-1/3, IEC61683, IEC60068, IEC61 EN50549, CEI0-21, C10/C11, VDE 4105, VDE 0124, G98/G99, RD244, UNE217001,UNE217002, NC RfG, TOR Erzeuger, AS4777, ABNT, 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.