



Off-grid inverter

HJ-HIO4883S 8.2KW

Product Introduction

Supports off-grid/grid-connected mode operation, integrates efficient MPPT solar charging and intelligent energy management, suitable for household and industrial and commercial scenarios, providing stable and efficient power solutions.



Parallel/off-grid dual mode, pure sine wave output



High-power MPPT and dual PV input



Intelligent interconnection & convenient operation



Intelligent charging & battery protection



HJ-HIO4883S Technical Specification

Parameter

Model	HJ-HIO4883S (H-27)
Maximum PV input Power	5400W+5400W
Rated Output Power	8200W/8200VA
Maximum Solar Charging Current	160A
Frequency Range	59~61+1HZ
Maximum AC Input Current	48.2A
MPPT Voltage Range	90-450VDC
Maximum input Current	2/18A
Nominal Output Voltage	220/230/240VAC
Efficiency(DC to AC)	90%
Nominal DC Voltage	48VDC
Maximum Solar Charging Current	160A
Maximum AC Charging Current	140A
Maximum Solar+AC Charging Current	160A
Max. Output Power	360/500VDC
MPPT Voltage Range	90-450VDC
Maximum Input Current	2/18A
Nominal Output Voltage	220/230/240VAC
AFCI Protection	-10°C~50°C
Output Voltage Range	195-253VAC
Nominal Output Current	35.6A
Acceptable Input Voltage Range	48.2A
Maximum AC Input Current	140A
Dimension,D*W*H(mm)	530*390*130
Cartoon Dimension,D *W*H(mm)	618*463*205
Net Weight (kgs)	14.2
Communication Port	RS232/RS485/WIFI/GPRS/LITHIUM BATTERY

Compliance Safety

CE

Application Scenarios

Residential Solar

Cut electricity bills
Backup power during outages
Best for: Homes, eco-conscious owners

Commercial Solar

Lower business energy costs
Reliable power for operations
Best for: Offices, shops, warehouses