

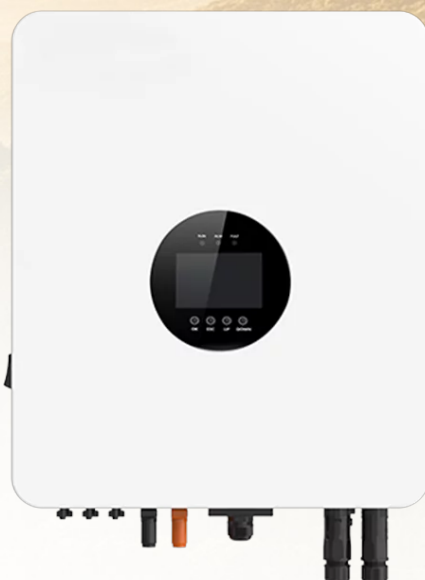
# Three-Phase Hybrid Inverter

Model: HJ-HIH48 Series    Power: 6.5kw-13kw

## Summary

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The three-phase hybrid grid inverter of Highjoule is efficient and stable, specially designed for the hybrid power grid. It can maximize the energy generated by the photovoltaic system to the load use, and support the flexible switching of grid-connected and off-grid mode.



*Three-Phase Hybrid Inverter (HJ-HIH48 Series)*

## Product Features

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Better Performance

UPS ≤ 10ms

100% unbalanced three phase input

Intelligent phase power control

Smart reverse battery protection

AFCI function optional

Higher Efficiency

150% DC input oversizing ratio

MPPT Function

Max. efficiency 98.2%

More Flexible

Quick access to APP platform

Smart load management through dry contact

Support stackable battery, easy to expand capacity

High Reliability

Its design takes high reliability as the core and ensures high performance in harsh environments through advanced energy storage and distribution management

## Technical Parameters

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### Parameters

Models	HJ-HIH4853ET	HJ-HIH4863ET	HJ-HIH4883ET	HJ-HIH4814ET
<b>Input data(DC)</b>				
<b>Max. recommended PV power(for module STC)</b>	<b>6500W</b>	<b>7800W</b>	<b>10400W</b>	<b>13000W</b>
<b>Max. DC voltage</b>	<b>800V</b>			
<b>Nominal voltage</b>	<b>600V</b>			
<b>MPP work voltage range</b>	<b>150V-800V</b>			
<b>No. of PV strings per MPP tracker</b>	<b>1/2</b>			
<b>Max. input current per MPP tracker</b>	<b>15A</b>			
<b>AC input/output (On-grid/Back-up)</b>				
<b>AC nominal power</b>	<b>5000W</b>	<b>6000W</b>	<b>8000W</b>	<b>10000W</b>
<b>Max. AC apparent power</b>	<b>5000VA</b>	<b>6000VA</b>	<b>8000VA</b>	<b>10000VA</b>
<b>Nominal AC</b>	<b>220V/380V,230V/400V</b>			

**voltage/range**

**50/60,±5Hz**

**AC grid frequency/range**

**Max. output current**

**7.6A/7.2A**

**9.1A/8.7A**

**12.1A/11.6A**

**15.2A/14.5A**

**Displacement power factor, configurable\***

**0.8leading...0.8lagging**

**THDI**

## Application

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Widely used in household power generation system, communication base station, border defense, highway bridge construction

## Contact Us

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For catalog requests, pricing, or partnerships, please visit:  
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