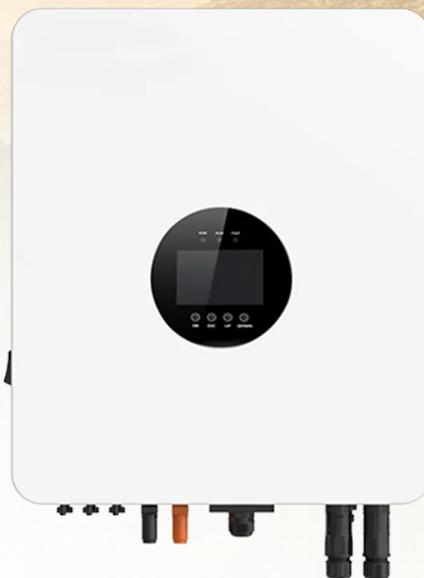


Three-Phase Hybrid Inverter

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

Summary

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

Better Performance

UPS \leq 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

Parameters

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

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

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

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<https://www.highjoule.com>



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