

## LEADING ODM PROVIDER OF GREEN ENERGY PRODUCTS

ODM VALUE CHAIN  
A REPEATABLE PATH FOR EXCELLENCE IN QUALITY DELIVERY

### GLOBAL R&D STRATEGY

4

Central Academy  
Industrial Technology Research Institute  
Industrial Technology Research Institute  
AI Research Institute  
Research Institutes

33

R&D Centers

50+

Core Laboratory

25%

Masters & PhDs

Aesthetics & Design Center

### BILLION LEVEL SUPPLY CHAIN

27.6 B

Procurement Volume

100K+

Supplier System

Top 5

Supplier Resources

100%

Quality Sampling

### INTELLIGENT MANUFACTURING

50+

Years Manufacturing Experience

40

Global Manufacture Centers

100K

GMP Cleanroom

Inhouse Production Lines

Beijing & Anqing Manufacturing Center

Lighthouse / Digital Factory

### QUALITY CONTROL

130 M

Dollars Investment

1st

in Industry to Conduct:

Mechanical back-to-back test  
Simulation test  
Motor Load Test

CSA

Cooperative Sightings Lab

UL/CE

Certificates

Midea | HICONICS  
ENERGY LINKS ALL



## PV INVERTERS

Highly Customized for Stylish Appearance

## BUSINESS PROFILE AT A GLANCE

2023 TOTAL REVENUE (USD)



51.68 B

2023 NET PROFIT (USD)



4.66 B

NUMBER OF EMPLOYEES



190 K+

BY S&P/MOODY'S/FITCH CREDIT RATINGS



A/A3/A

FORTUNE GLOBAL 500 2023



# 278

FORBES GLOBAL 2000 2023



# 199

BRAND FINANCE 2023 TOP 500 MOST VALUABLE BRANDS



# 198

BRAND FINANCE 2023 TOP 100 MOST VALUABLE TECH BRANDS



# 36

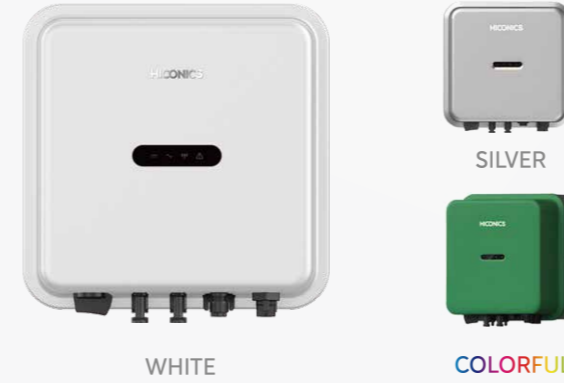
## PV INVERTERS

### HIGHLY CUSTOMIZED FOR STYLISH APPEARANCE

• CATHEDRAL



• AMAZON



• LENCIS



• CARNIVAL



### HIGH YIELD

20 A String current | Compatible with 182/210 pv modules

### PROVEN RELIABILITY

IP66 Protection

AFCI Function Support

Intelligent Networking

### EASY TO SETUP

Plug & play Installation

Compact & Lightweight design

Adapted to Diesel generators

### PRODUCT PARAMETER

Model	3k	3.6k	4k	4.6k	5k	6k
Max.input Voltage	550V					
MPPT voltage range/rated input voltage	80V~520V/360V					
Initial.feeed-in voltage	100V					
Max.operating input current	20/20A					
Max.short circuit current	25/25A					
No.of independent MPPT inputs/strings per	2/1+1					
Rated active power	3000W	3600W	4000W	4600W	5000W	6000W
Max.apparent power	3300VA	3960VA	4400VA	5000VA	5500VA	6600VA
Max.output current	15A	16A	20A	22.7A	25A	27.3A
AC nominal voltage	240V					
AC Grid frequency	50/60Hz					
Adjustable power factor	~1 (Adjustable from 0.8 leading to 0.8 lagging)					
THDi	<3%					
DC injection current	<0.5%					
Max.efficiency	97.40%			97.60%		
EU.efficiency	96.60%			96.80%		
DC Switch	✓					
Ground fault monitoring	✓					
Surge Protection	✓					
DC reverse polarity protection	✓					
AC short circuit protection	✓					
Islanding Protection	✓					
Over Voltage Protection	✓					
Over Current Protection	✓					
Under Voltage Protection	✓					
All-pole-sensitive residual-current monitoring	✓					
Shadow recognition	✓					
AFCI Protection	✓					
Compatible with Generator	Optional					
Dimension(L*W*H)	360*360*166mm					
Weight	12kg					
Operating temperature range	-25°C ~ +65°C					
Max. permissible value for relative humidity (non-condensing)	100%					
Topology	Non-isolated					
Cooling concept	Natural Convection					
Altitude	4000					
Degree of protection	IP66					
DC connection	MC4 connector					
AC connection	Quick connection plug					
Display	LED+APP					
Communication	Wi-Fi/4G/GPRS/RS485 (Optional)					
Certificates and approvals	UL1741, UL1741 SA, UL 1741 SB, 1699B, IEEE 1547, 1547.1, FCC Part 15 Class B					