



Since 2014

Inverter Manufacturer

- Reliable quality control
- Stable production and supply
- Custom OEM/ODM development

HOULI Brand Owner & Manufacturer
Shenzhen Shenpu Photoelectric Co., Ltd.



US Market Support
Local Market
Response

www.houlipower.com



110V~120v / 60Hz
Korean Voltage
Support



ETL Compliance
Certification
Support



Manufacturing Capability

Structured production management and reliable supply

Reliable Power · Better Life



Since
2014
Established



100+
Employees
Skilled Workforce



9600
Factory Area
Manufacturing Base



30,000+
Units / Month
Production Capacity



R&D | Production | Testing | Quality Control | Global Delivery

Tailored power solutions from concept to mass production



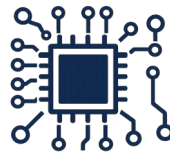
01

Requirements
Specs review



02

Design
Appearance &
structure



03

Electrical
Circuits & functions



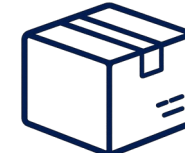
04

Prototype
Build & verify



05

Validation
Safety & reliability



06

Production
Stable delivery



Logo & Branding



Electrical & Features



Housing & Structure



**Packaging &
Branding**

Systematic inspection and quality management
throughout production



01

Incoming QC

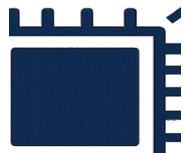
Key components checked



02

PCBA QC

PCB assembly verified



03

Function Test

Voltage & function check



04

Load Test

Output stability verified



05

Aging Test

Long-duration endurance



06

Final QC

Final pre-shipment check



Integrated
Quality Control
Process

IQC → PCBA → Function Test → Load Test → Aging Test → Final Inspection

Inverter Options

Three platforms compared on cost, compliance and sustained-load performance

PLATFORM

INTERNAL DESIGN

CORE STRENGTHS

CONSIDERATIONS

Entry-Level

For price-sensitive e-commerce and occasional/light-duty use.



- Lowest-cost architecture
- Simplified component structure
- Strong value for intermittent loads

- External-case cooling limits sustained high-load stability
- Lower surge capacity and shorter service life

Advanced

RECOMMENDED

Best overall choice for regulated retail and engineering projects.



- Built-in heatsink for sustained operation
- Larger capacitors and reinforced transformer
- >90% conversion efficiency
- AS/NZS 4763:2011-aligned design supports SAA compliance

- Higher initial cost than entry-level
- Available power range: 500W–3000W

Professional

For RVs, high-startup loads and premium engineering channels.



- Continuous full-load thermal design
- Premium capacitors and transformer
- Surge capacity up to 2–3× rated power
- Conversion efficiency up to 91%–93%

- Highest cost and narrower market fit
- 2500W–6000W; Australian compliance depends on model

LI Quality Control System

Four checkpoints protect quality from incoming materials to final shipment

01

IQC

Incoming Quality Control

Raw materials and key components are inspected before entering production.

02

IPQC

In-Process Quality Control

Production processes are monitored to maintain consistency and workmanship.

03

OQC

Outgoing Quality Control

Every unit receives functional testing and a complete performance check.

04

FQC

Final Quality Control

Aging, safety and final inspections are completed before shipment.

RAW MATERIALS → PRODUCTION → PERFORMANCE → SHIPMENT

LI Production & Delivery

Scheduled checkpoints support stable capacity
and on-time shipment

Stable Capacity. On-Time Delivery.

PRODUCTION GUARANTEE

Strict checkpoints keep every order visible—from material purchasing and sample approval to inspection and shipment.

Each milestone is scheduled and monitored to protect delivery performance.

SAMPLE TIMING & ACTION CALENDAR

JUL 1–10

Order & Materials

Order confirmed • materials purchased
Materials arrive at the factory

JUL 11–17

Pre-Production

Incoming inspection • sample build and dispatch
Pre-production sample confirmed

JUL 18–AUG 5

Production & QC

Mass production begins • inline inspection
Final inspection completed

AUG 12–30

Shipment

Forwarder handoff • goods on board
Arrival at destination port

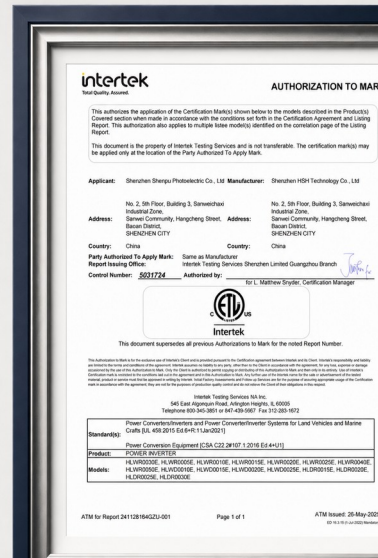
HOU S Global Certifications

Verified compliance documents for Korea and major global markets



KC REGISTRATION

Korea



INTERTEK AUTHORIZATION

North America



CE VERIFICATION

European Union



GLOBAL-MARK CERTIFICATE

Australia

Original certification documents retained for buyer verification

Order-to-Port Timeline

A sample 14-milestone calendar from order confirmation to destination-port arrival

Every step is
scheduled and
monitored.

14 CONTROLLED
MILESTONES

- Order & materials
- Pre-production
- Production & QC
- Shipment

Stable capacity · Strict process
Timely delivery

SCHEDULE DATE	CONTROLLED ACTION
2024/7/1	Order confirmed
2024/7/2	Materials purchasing
2024/7/10	Materials arrive at the factory
2024/7/11	Materials inspection
2024/7/12	Pre-production sample
2024/7/13	Sample dispatched
2024/7/16	Pre-production sample arrives
2024/7/17	Pre-production sample approved
2024/7/18	Mass production starts
2024/7/30	Inline inspection
2024/8/5	Final inspection
2024/8/12	Goods handed to the forwarder
2024/8/20	Goods on board
2024/8/30	Goods arrive at the destination port

WR 500W

PURE SINE WAVE INVERTER

Clean 110V power for mobile and off-grid systems

Model HLWR0005E • FCC Part 15 Class B • Five protection modes



OUTPUT

500W continuous • 1000W surge • 12V / 24V DC optional



AC & POWER QUALITY

110V / 60Hz • Pure sine wave • THD <3% • Efficiency ≥90%



INTERFACES & CONTROL

2x US outlets • PD 20W + USB 3.0A • LED • Remote: N/A



INSTALLATION

258×163×75 mm • 1.82 kg • Smart fan (auto) • 8 AWG, 3 ft • 40A×2 (12V) / 20A×2 (24V)

RV | SOLAR | OEM / ODM



WR SERIES

HLWR0005E

500W CONTINUOUS | 1000W SURGE

WR 1000W

PURE SINE WAVE INVERTER

Clean 110V power for mobile and off-grid systems

Model HLWR0010E • FCC Part 15 Class B • Five protection modes



OUTPUT

1000W continuous • 2000W surge • 12V / 24V DC optional



AC & POWER QUALITY

110V / 60Hz • Pure sine wave • THD <3% • Efficiency ≥90%



INTERFACES & CONTROL

2x US outlets • PD 20W + USB 3.0A • LED • Remote: Wireless



INSTALLATION

320×163×75 mm • 2.35 kg • Smart fan (auto) • 6 AWG, 3 ft • 40A×4 (12V) / 20A×4 (24V)

RV | SOLAR | OEM / ODM



WR SERIES

HLWR0010E

1000W CONTINUOUS | 2000W SURGE

WR 1500W

PURE SINE WAVE INVERTER

Clean 110V power for mobile and off-grid systems

Model HLWR0015E • FCC Part 15 Class B • Five protection modes



OUTPUT

1500W continuous • 3000W surge • 12V / 24V DC optional



AC & POWER QUALITY

110V / 60Hz • Pure sine wave • THD <3% • Efficiency ≥90%



INTERFACES & CONTROL

2x US outlets • PD 20W + USB 3.0A • LED • Remote: Wireless



INSTALLATION

358×163×75 mm • 2.85 kg • Smart fan (auto) • 4 AWG, 3 ft • 40A×6 (12V) / 20A×6 (24V)

RV | SOLAR | OEM / ODM



WR SERIES

HLWR0015E

1500W CONTINUOUS | 3000W SURGE

WR 2000W

PURE SINE WAVE INVERTER

Clean 110V power for mobile and off-grid systems

Model HLWR0020E • FCC Part 15 Class B • Five protection modes



OUTPUT

2000W continuous • 4000W surge • 12V / 24V DC optional



AC & POWER QUALITY

110V / 60Hz • Pure sine wave • THD <3% • Efficiency ≥90%



INTERFACES & CONTROL

2× US outlets • PD 20W + USB 3.0A • LED • Remote: Wireless



INSTALLATION

408×163×75 mm • 3.25 kg • Smart fan (auto) • 2 AWG, 3 ft • 40A×8 (12V) / 20A×8 (24V)



WR SERIES

HLWR0020E

2000W CONTINUOUS | 4000W SURGE

RV | SOLAR | OEM / ODM

WR 2500W

PURE SINE WAVE INVERTER

Clean 110V power for mobile and off-grid systems

Model HLWR0025E • FCC Part 15 Class B • Five protection modes



OUTPUT

2500W continuous • 5000W surge • 12V / 24V DC optional



AC & POWER QUALITY

110V / 60Hz • Pure sine wave • THD <3% • Efficiency ≥92%



INTERFACES & CONTROL

2× US outlets • PD 60W + PD 45W + USB 3.0A • LED • Remote: Wireless



INSTALLATION

417×220×92 mm • 5.3 kg • Dual smart fan • 1/0 AWG, 3 ft • 40A×12 (12V) / 20A×12 (24V)



WR SERIES

HLWR0025E

2500W CONTINUOUS | 5000W SURGE

RV | SOLAR | OEM / ODM

WR 3000W

PURE SINE WAVE INVERTER

Clean 110V power for mobile and off-grid systems

Model HLWR0030E • FCC Part 15 Class B • Five protection modes



OUTPUT

3000W continuous • 6000W surge • 12V / 24V DC optional



AC & POWER QUALITY

110V / 60Hz • Pure sine wave • THD <3% • Efficiency ≥92%



INTERFACES & CONTROL

2× US outlets • PD 60W + PD 45W + USB 3.0A • LED • Remote: Wireless



INSTALLATION

517×220×92 mm • 7.4 kg • Dual smart fan • 2/0 AWG, 3 ft • 50A×12 (12V) / 25A×12 (24V)



WR SERIES

HLWR0030E

3000W CONTINUOUS | 6000W SURGE

RV | SOLAR | OEM / ODM

WR 4000W

PURE SINE WAVE INVERTER

Clean 110V power for mobile and off-grid systems

Model HLWR0040E • FCC Part 15 Class B • Five protection modes



OUTPUT

4000W continuous • 8000W surge • 12V / 24V DC optional



AC & POWER QUALITY

110V / 60Hz • Pure sine wave • THD <3% • Efficiency ≥92%



INTERFACES & CONTROL

2× US outlets • PD 60W + PD 45W + USB 3.0A • LED • Remote: Wireless



INSTALLATION

547×220×92 mm • 7.45 kg • Dual smart fan • 2/0 AWG, 3 ft • 50A×12 (12V) / 25A×12 (24V)



WR SERIES

HLWR0040E

4000W CONTINUOUS | 8000W SURGE

RV | SOLAR | OEM / ODM

WD 1500W

PURE SINE WAVE INVERTER

Reliable compact power for 110V systems

Model HPDR0010E • CE-EMC/LVD & RoHS • 1-year warranty



OUTPUT

1500W continuous • 3000W surge • 12V / 24V DC optional



AC & POWER QUALITY

110V • Pure sine wave • THD <3% • Efficiency Up to 90%



DIMENSIONS

295×180×85 mm • Package 390×265×185 mm • 2.8 kg gross



OPERATING RANGE

No-load current ≤1.2A • USB 5V / 3.1A • -10°C to 50°C



WD SERIES

HPDR0010E

1500W CONTINUOUS | 3000W SURGE

RV | SOLAR | OEM / ODM

WD 2000W

PURE SINE WAVE INVERTER

Reliable compact power for 110V systems

Model HPDR0015E • CE-EMC/LVD & RoHS • 1-year warranty



OUTPUT

2000W continuous • 4000W surge • 12V / 24V DC optional



AC & POWER QUALITY

110V • Pure sine wave • THD <3% • Efficiency Up to 90%



DIMENSIONS

345×180×85 mm • Package 395×265×185 mm • 3.6 kg gross



OPERATING RANGE

No-load current ≤1.5A • USB 5V / 3.1A • -10°C to 50°C



WD SERIES

HPDR0015E

2000W CONTINUOUS | 4000W SURGE

RV | SOLAR | OEM / ODM

WD 2500W

PURE SINE WAVE INVERTER

Reliable compact power
for 110V systems

Model HPDR0020E • CE-EMC/LVD & RoHS • 1-year warranty



OUTPUT

2500W continuous • 5000W surge • 12V / 24V DC optional



AC & POWER QUALITY

110V • Pure sine wave • THD <3% • Efficiency Up to 90%



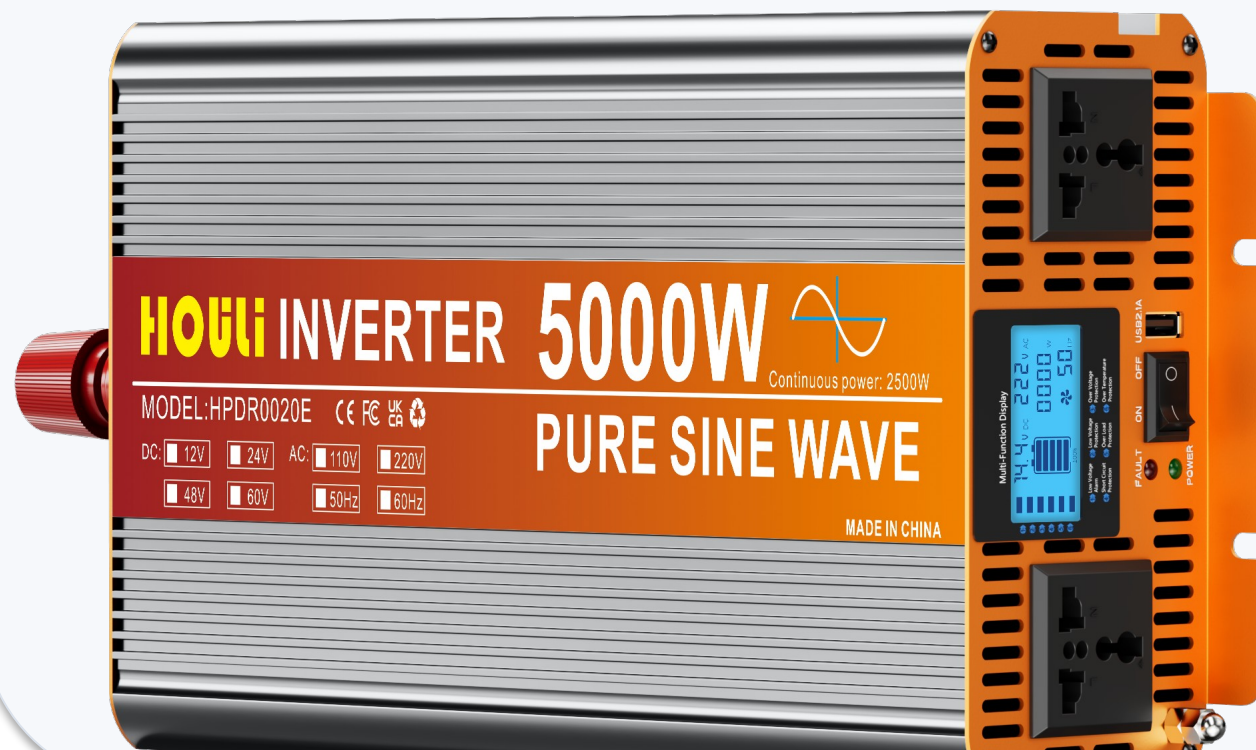
DIMENSIONS

395×180×85 mm • Package 445×265×185 mm • 4.5 kg gross



OPERATING RANGE

No-load current ≤1.8A • USB 5V / 3.1A • -10°C to 50°C



WD SERIES

HPDR0020E

2500W CONTINUOUS | 5000W SURGE

RV | SOLAR | OEM / ODM

WD 3000W

PURE SINE WAVE INVERTER

Reliable compact power for 110V systems

Model HPDR0025E • CE-EMC/LVD & RoHS • 1-year warranty



OUTPUT

3000W continuous • 6000W surge • 12V / 24V DC optional



AC & POWER QUALITY

110V • Pure sine wave • THD <3% • Efficiency Up to 90%



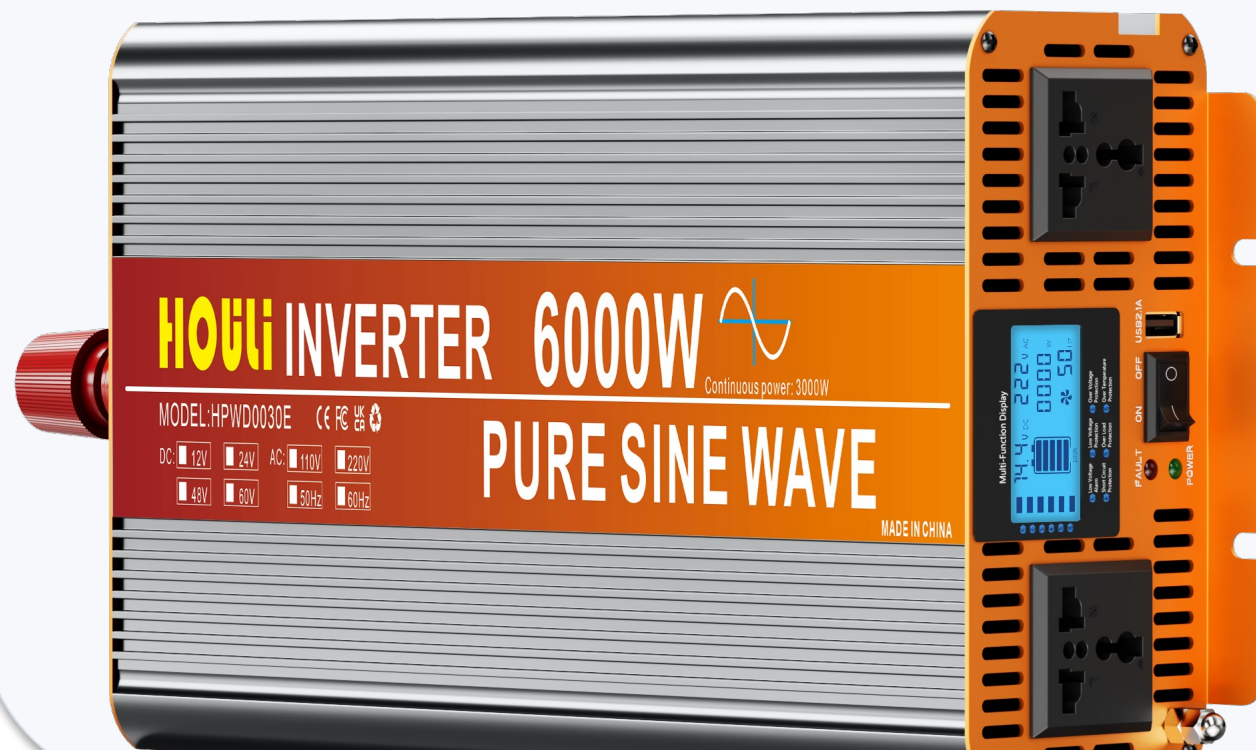
DIMENSIONS

395×180×85 mm • Package 500×265×185 mm • 5.0 kg gross



OPERATING RANGE

No-load current ≤2.0A • USB 5V / 3.1A • -10°C to 50°C



WD SERIES

HPDR0025E

3000W CONTINUOUS | 6000W SURGE

RV | SOLAR | OEM / ODM

WD 3500W

PURE SINE WAVE INVERTER

Reliable compact power
for 110V systems

Model HPDR0030E • CE-EMC/LVD & RoHS • 1-year warranty



OUTPUT

3500W continuous • 7000W surge • 12V / 24V DC optional



AC & POWER QUALITY

110V • Pure sine wave • THD <3% • Efficiency ≥90%



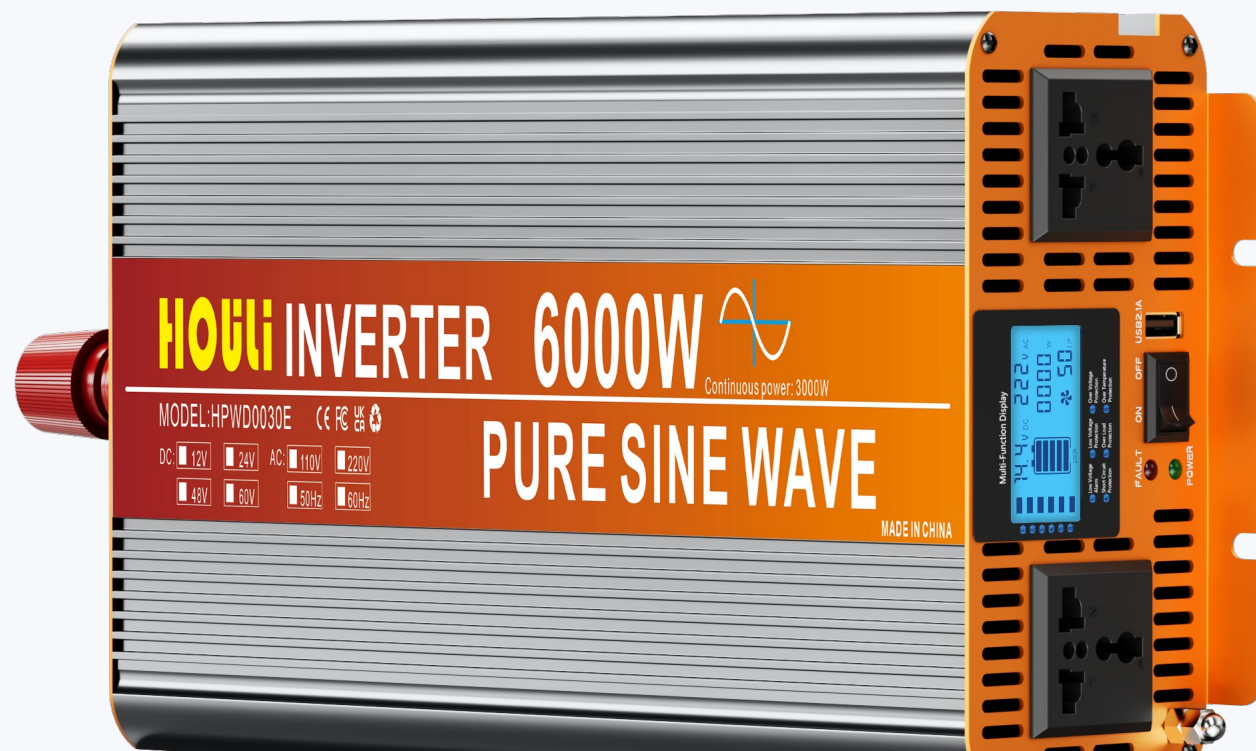
DIMENSIONS

443×180×85 mm • 5.4 kg gross



OPERATING RANGE

No-load current ≤2.2A • USB 5V / 3.1A • -10°C to 50°C



WD SERIES

HPDR0030E

3500W CONTINUOUS | 7000W SURGE

RV | SOLAR | OEM / ODM

Contact Us

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