

Europe

Italy

CHINT Italia Investment Srl

Add: Via Bruno Maderna 7 30174 Venezia
Tel: +39 041.446614
Fax +39 041.5845900
E-mail: info@chint.it

Spain

CHINT Electrics S.L.

Add: Calle José Echegaray, Num 8.Parque Empresarial Las RozasEdificio 3,
Planta Baja, Oficina 7-8.C.P: 28232 Las Rozas (Madrid)
Tel: +34 91 645 03 53
E-mail: info@chint.eu

Czech Republic

NOARK Electric Europe s.r.o.

Add: Sezemická 2757/2, 193 00 Prague 9
Tel: +420 226 203 120
Email: europe@noark-electric.com

Turkey

CHINT Turca Elektrik Sanayi VE Ticaret Anonim Sirketi

Add: Zumrutevler Mahallesi Ural Sokak No. 22/18 NAS PLAZA B Block KAT 1,
Maltepe, Istanbul
Tel: +90216 621 00 55
Fax: +90216 621 00 50
E-mail: fatura@chint.com.tr

West Asia & Africa

Egypt

CHINT Electrics (Egypt) Co., Ltd

Add: Building B16 - Smart village, Abu Rawash - Giza, Egypt
Tel: +20 1097173769
P.O BOX : 00202
Email: chinteg@chintglobal.com

Kenya

ZHENGTAI ELECTRICS(KENYA) CO., LIMITED

Add: OFFICE 1A, 8TH FLOOR, KISM TOWERS, LR No. 209/945/1- NGONG
ROAD - NAIROBI, KENYA
Tel: +254 072256485
Email: chintkenya@chintglobal.com

U.A.E

CHINT MIDDLE EAST AND AFRICA DMCC

Add: Unit No: 2101, 21085,2109 , Jumeirah business center 1, Cluster G,
Jumeirah Lakes Towers, Dubai, UAE
Tel: +97145571532
P.O BOX: 337555
E-mail: global-sales@chint.com

Nigeria

CHINT POWER & ENERGY SERVICES CO., LIMITED

Add: 3RD FLOOR TOWER 2, CHURGATE BUILDING , VICTORIA ISLAND, LAGOS
Tel: +234 8110728119
E-mail: czjie@chintglobal.com

North America

United States

NOARK Electric (USA) Inc

Add: 2188 Pomona Blvd., Pomona, CA 91768
Tel: 626-330-7007
Fax: 626-330-8035
E-mail: nasales@noark-electric.com

Mexico

CHINT SOLAR MEXICO S DE RL DE CV

Add: Miguel Cervantes Saavedra 169 Piso 11 Col. Granada Del. Miguel Hidalgo
C.P. 11520 CDMX, México
Tel: +52 1-55-8881-6127
E-mail: info@chint-mexico.com



CHINT GLOBAL PTE. LTD.

Building A3, 3655 SiXian Road,
Songjiang District, Shanghai, China

Tel: +86-21-5677 7777 Web: www.chintglobal.com

E-mail: global-sales@chintglobal.com

A CHINT COMPANY



CHNT

Empower the World



CHINT New Energy Solutions

Low Voltage Components

ABOUT CHINT



CHINT A leading global provider of smart energy solutions

CHINT was established 38 years ago in 1984 and built from the capital of approximately 8,000 US dollars. With our rapid development these years, CHINT has become the world's leading intelligent energy solutions provider for the whole industrial chain with the most complete product ranges. In 2021, our annual sales revenue exceeded 16.1 billion dollars and total assets of more than 16.2 billion.

Over two decades of global expansion, our business network covers more than 140 countries and regions worldwide in business industries of low-voltage electric, power transmission and distribution, smart technology, energy instruments and meters, green energy, solar and more. CHINT has more than 40,000 employees worldwide, creating more than 200,000 jobs in the industrial chains.

As the market localization progresses steadily, CHINT Global further establishes its supply chain through business integration and industrial upgrade. Optimizing the service system and project financing, providing innovatively integrated technical services for the global energy market, and a flexible working business model. energy, intelligent manufacturing and digital technology, CHINT has adopted "One Cloud & Two Nets" as the business strategy, takes "CHINT Cloud" as the carrier of intelligent technology and data application, and takes the lead in building the energy Internet of things (EIoT) and industrial Internet of things platforms (IIoT).

Focusing on the energy system of supply, storage, transmission, distribution and consumption, CHINT has core businesses of clean energy, energy distribution, big data and energy value-added services. Furthermore, CHINT's pillar businesses include photovoltaic equipment, energy storage, power transmission & distribution, low-voltage apparatuses, intelligent terminals, software development and control automation. By developing into a platform-based enterprise, CHINT provides a package of energy solutions for public institutions, industrial & commercial users and end-users, by building a regional smart energy operation ecosphere.

Main Businesses



Clean Energy



Low-voltage Apparatus



Power Transmission and Distribution



Instrumentation and Apparatus



Smart Home



Intelligent Building



Intelligent Manufacturing



Industry Automation



Smart Heating



Smart Water



Home Electrical Apparatus



Energy Efficiency Management

ABOUT CHINT LOW VOLTAGE

Zhejiang CHINT Electric Co., Ltd. is a wholly owned subsidiary of CHINT Group. Cultivating R&D, manufacturing and sales of low-voltage products, we provide system solutions for building, power supply, hoisting, HVAC, telecommunication and other industrial customers. For nearly 40 years since its founding, CHINT Electric has provided reliable products and services to over 140 countries and regions. Today, CHINT has grown to be one of the world's renowned low-voltage brands.

CHINT Honors

2022

- "AAAAA" standardized good behavior certificate
- "Global Partnership" and "Countries along the Belt and Road" in the "2021 Best Practices for Realizing the Sustainable Development Goals".
- CSR Impact Leading Enterprise

2021

- No. 1 in "China's Top 100 Private Enterprises with Social Responsibility" in 2021
- For 8 consecutive years, CHINT has won the sales champion of Tmall double 11 in electrical and hardware industry
- No. 92 in "2021 China's Top 500 Private Enterprises".
- No. 244 in "2021 Top 500 Chinese Enterprises"
- The intelligent manufacturing factory of low-voltage electrical appliances was selected as the national "2021 Intelligent Manufacturing Demonstration Factory".

2020

- CHINT was selected in the 2020 Zhejiang Province "Future Factory" recognized list, and was rated as the leading "Leading Goose Factory".
- The key inverter technology of CHINT won the second prize of China Electric Power Science and Technology.
- CHINT Astrometry was selected as the smart PV demonstration enterprise list of the Ministry of Industry and Information Technology and won the honor of "Influential PV cell/module brand", "Influential PV EPC / End User", "Influential PV power station operation and maintenance brand".

2019

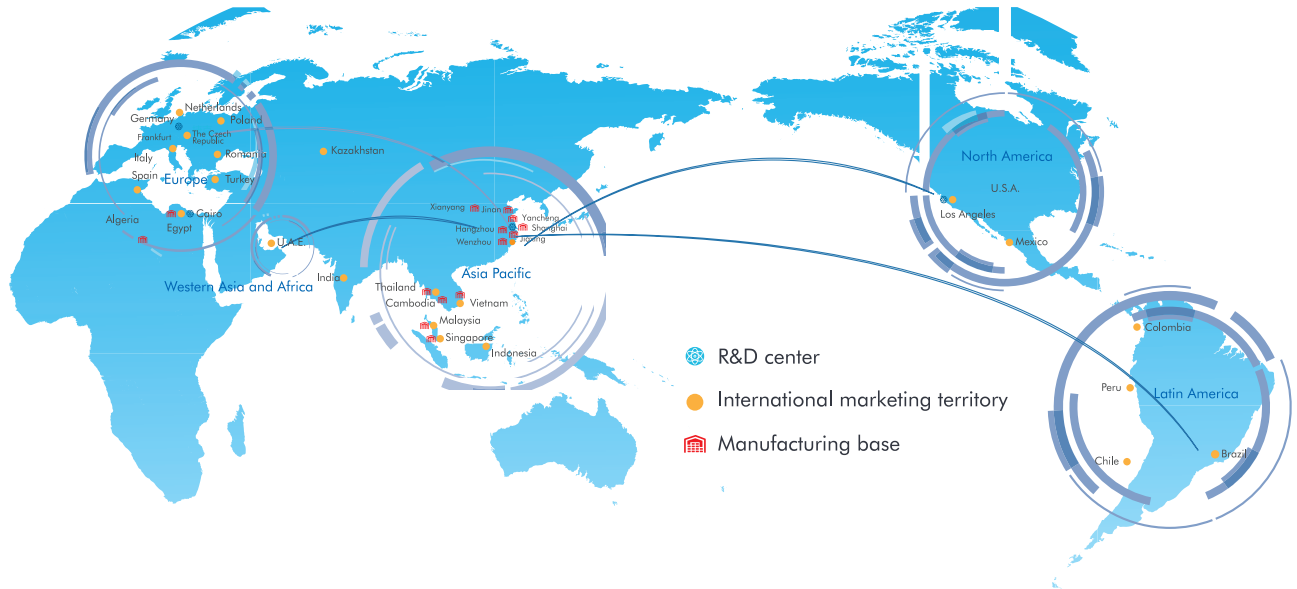
- National Green Factory
- National Industrial Design Center of the MIIT
- Global Top 20 PV Enterprise
- China's Top 10 Successful PV Enterprise
- Top 100 Innovative Enterprises in Zhejiang Province
- Technology innovation system was awarded the 2018 Science and Technology Progress Award in Zhejiang

Qualification Certification

The products have been accredited through China Compulsory Certification (CCC) as well as UL of US, CE of EU, VDE and TÜV of Germany, KEMA of Netherlands, RCM of Australia, RCC of South Africa and other international product certifications.



GLOBAL FOOTPRINT



4 National R&D Centers: North America, Europe, Asia Pacific, North Africa

6 International Marketing Territories: Asia Pacific, Western Asia and Africa, Europe, Latin America, North America, China

14 Manufacturing Bases: China (Wenzhou, Hangzhou, Shanghai, Jiaxing, Xianyang, Jinan, Yancheng), Thailand, Singapore, Vietnam, Malaysia, Egypt, Algeria and Cambodia

20+ International Logistics Centers

2300+ Sales Companies

GLOBAL CAPACITY LAYOUT

The industrial manufacturing bases are mainly located in Wenzhou, Hangzhou, Shanghai, Jiaxing, Xianyang and Yancheng. Additionally, CHINT has set up factories in Thailand, Singapore, Vietnam, Malaysia, Egypt, Cambodia etc.



ABOUT CHINT Electric

Main Advantages

Global R&D System

CHINT has established national R&D centers in North America, Europe, Asia Pacific, North Africa and other areas. We have explored the mode of Industry-University Research Institute Collaboration and Integration together with the universities and research institutions worldwide so as to integrate the global innovation resources and promote corporate R&D innovation and talent cultivation.



24 research institutes



The average annual R&D investment accounts for 4-12% of the revenue



Over 6000 patents in total

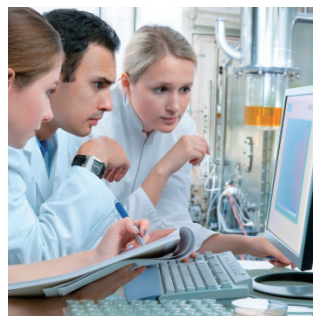
Global Certification

The products have passed the standards and specifications in various regions around the world and obtained numerous international certifications



Honors

- No. 1 in China's Top 100 Private Enterprises with Social Responsibility in 2021
- No. 92 in 2021 China's Top 500 Private Enterprises
- No. 244 in 2021 Top 500 Chinese Enterprises
- The intelligent manufacturing factory of low-voltage electrical appliances was selected as the national 2021 Intelligent Manufacturing Demonstration Factory



Integrated Vertical R&D

By gathering the global industry elites to Provide safe and stable energy-saving green and advanced electric products.

Great Quality System

Ensuring flaw-free and trouble-free products, the multi-dimensional and multilevel control is conducted through procurement, inspection, quality control and certification.

One-stop Services

CHINT's concept is that it is not difficult to fulfill a high-quality logistics distribution at one time, while it is difficult to stay as accurate and prompt as the first-time. High-efficiency and high-precision accuracy are our requirement.

48-Hour Response

Providing end-to-end one-stop services for customers with complains, business consulting and technical support by solving problems immediately and including any possible problems in advance requirement.

5%

At least 5% of revenue is invested in research and development



1.0

Portable Energy Storage



1. Applicable To Multiple Scenarios



Self-Driving Tour
· go without restriction



Camping
· powerful all the time



Outdoor Movies
· romance is so easy







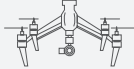











Outdoor work
· Always motivated when you need it

1.0

Portable Energy Storage

2. Function (PES-600)

| | | | | | | | |
|---|--|--|--|--|--|--|---|
|  <p>iPhone 13 Por 11.97Wh 33times</p> |  <p>MacBook Air 49.9Wh 8times</p> |  <p>Switch 16Wh 25times</p> |  <p>Camera 7.7Wh 52times</p> |  <p>Fan 40W 10+hours</p> |  <p>Projector 65W 6+hours</p> |  <p>Mavic Air 40.42Wh 10times</p> |  <p>Smart Speaker 11.97W 33+hours</p> |
|  <p>DC Lamp 40W 10+hours</p> |  <p>Car Refrigerator 60W 6+hours</p> |  <p>Charger 40W 10+hours</p> |  <p>TV 110W 3+hours</p> |  <p>Rice Cooker 40W 10+hours</p> |  <p>Kettle 500W 0.8hours</p> |  <p>Electrical Tools 450W 0.9hours</p> |  <p>Ventilator 90W 4+hours</p> |

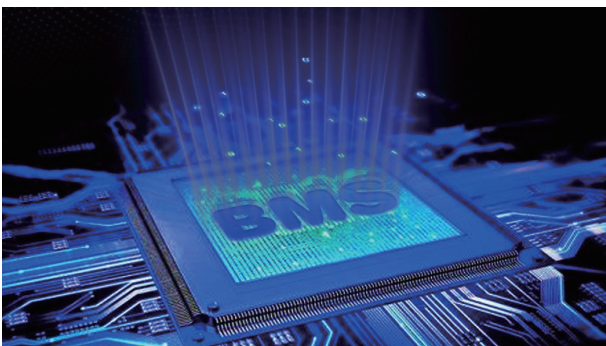
3. Advantage



Ergonomic Design, Portable And Easy To Use
 · Fully applicable to various scenarios, lighter and more convenient



Multiple Charging Methods Multi-terminal Charging At The Same Time
 · ADAPTER · TYPE-C · SOLAR PANELS



BMS ten safety protection Three-way NTC temperature sensing detection
 · Efficient protection against thermal runaway of cells safe and efficient protection of power supply



Safety is the guarantee
 · 6 categories · 62 items · 1560 hours of testing

1.0

Portable Energy Storage

4. Simultaneous Power Supply For 9 Devices



5. Product Parameters

| | | | |
|------------------|--|-------------------|--|
| Power | 600W | Battery capacity | 448WH (LiFePO4 battery) |
| Inverter | Pure sine wave | Fully charge time | Approx 3 hrs (65W adapter + 100W Type-C) |
| DC output | 5525*2/Car Charging 13.6V-10A Total 136W max | Weight | 5.6Kg |
| Wireless charger | 10W | Power display | LCD display |
| Cycle time | 3000 times | Product size | 306×171×202mm |
| AC output | 110V/60Hz,220V/50Hz Power Rating 600W (peak1200W) | | |
| Charge method | Adapter/ solar panel/ car charger/Type-C | | |
| Type-C output | 5V~20V = 3~5A MAX PD100W | | |
| LED light | SOS、lighting(3 levels)、warning | | |
| Accessory | Power adapter+car charger cable (optional) + user manual+ acce | | |

6. Dimensional Drawing



1.0

Portable Energy Storage

7. National Socket Standard

European Standard



AC230V/50Hz, 600W Max

American Standard



AC110V/60Hz, 600W Max

British Standard



AC230V/50Hz, 600W Max

South African Standard



AC230V/50Hz, 600W Max

Korean Standard



AC220V/60Hz, 600W Max

Japanese Standard



AC100V~50/60Hz, 600W Max

1.0

Portable Energy Storage



1. Applicable To Multiple Scenarios



Self-driving tour
· One is enough



Camping out
· Confidence in outdoor power



Outdoor movie
· Multifunctional energy storage



Outdoor work
· Full of electricity, unlimited energy

1.0

Portable Energy Storage

2. Function (PES-1200)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |
| Drone 40W 22times | Projector 65W 13+hours | Laptop 60Wh 15times | Camera 16Wh 56times | Fan 40W 22+hours | Smart Speaker 10W 90+hours | Cart Refrigerator 60W 15+hours | Refrigerator 120W 7+hours |
|  |  |  |  |  |  |  |  |
| LED Lights 10W 90+hours | Ventilator 40W 22+hours | TV 110W 8+hours | Electrical Tools 450W 2+hours | Rice Cooker 1000W 0.9+hours | Kettle 500W 1.8hours | Coffee Machine 1000W 0.9+hours | Electric Fan 31W 29+hours |

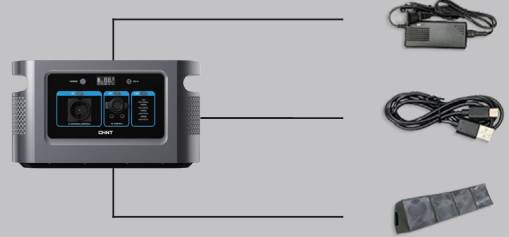
3. Advantage

Button 5000 Button 5000 press test
5000 times plug-in experiment of terminal




Safety is the guarantee

- 6 categories
- 62 items
- 1560 hours of testing




Multiple Charging Methods Multi-terminal Charging At The Same Time


- ADAPTER
- TYPE-C
- SOLAR PANELS



UL certified cells



UN38.3 certification



pure sine wave output

BMS ten safety protection Three-way NTC temperature sensing detection

- Efficient protection against thermal runaway of cells safe and efficient protection of power supply



- overcharge protection
- overdischarge protection
- overtemperature protection
- overvoltage protection
- undervoltage protection



- overload protection
- short circuit protection
- ventilation protection
- blockage protection
- fan failure

1.0

Portable Energy Storage

4. Simultaneous Power Supply For 9 Devices



5. Product Parameters

| | | | |
|------------------|---|-------------------|---|
| Power | 1200W | Battery capacity | 1008WH (LiFePO4 battery) |
| Inverter | Pure sine wave | Fully charge time | Approx 4 hrs (180W adapter + 100W Type-C) |
| DC output | 5525*2/Car Charging 13.6V-10A Total 136W max | Weight | 11Kg |
| Wireless charger | 10W*2 | Power display | LCD |
| Cycle time | 3000 times | Product size | 413×203×232mm |
| AC output | 110V/ 60Hz,220V/50Hz Power Rating 1200W (peak 2400W) | | |
| Charge method | Adapter/ solar panel/ car charger/Type-C | | |
| Type-C output | 5V~20V = 3~5A MAX PD100W | | |
| LED light | SOS, lighting (3 levels of brightness), alarm | | |
| Accessory | Power supply + adapter + manual + accessory bag (car charger data cable optional) | | |

6. Dimensional Dawing



1.0

Portable Energy Storage

7. National Socket Standard

European Standard



AC230V/50Hz, 1200W Max

American Standard



AC110V/60Hz, 1200W Max

British Standard



AC230V/50Hz, 1200W Max

South African Standard



AC230V/50Hz, 1200W Max

Korean Standard



AC220V/60Hz, 1200W Max

Japanese Standard



AC100V~50/60Hz, 1200W Max

1.0

Portable Energy Storage



1. Applicable To Multiple Scenarios



Self-driving tour
· One is enough



Camping out
· Confidence in outdoor power



Outdoor movie
· Multifunctional energy storage



Outdoor work
· Full of electricity, unlimited energy

1.0

Portable Energy Storage

2. Function (PES-2200)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |
| Drone 40W 42times | Projector 65W 26+hours | Laptop 60Wh 28times | Camera 16Wh 107times | Fan 40W 42+hours | Smart Speaker 10W 171+hours | Cart Refrigerator 60W 28+hours | Refrigerator 120W 15+hours |
|  |  |  |  |  |  |  |  |
| LED Lights 10W 171+hours | Ventilator 40W 42+hours | TV 110W 16+hours | Electrical Tools 450W 4+hours | Rice Cooker 1000W 1.8+hours | Kettle 500W 3.6+hours | Coffee Machine 1000W 1.8+hours | Electric Fan 31W 58+hours |

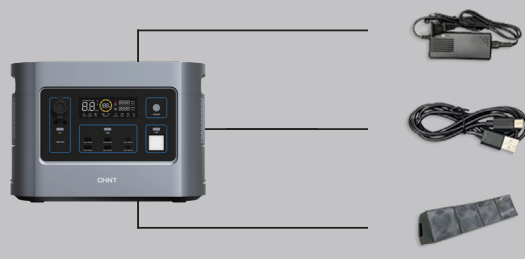
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Button 5000 Button 5000 press test
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Multiple Charging Methods Multi-terminal Charging At The Same Time


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UL certified cells



UN38.3 certification



pure sine wave output

BMS ten safety protection Three-way NTC temperature sensing detection

- Efficient protection against thermal runaway of cells safe and efficient protection of power supply



overcharge protection overdischarge protection overtemperature protection overvoltage protection undervoltage protection



overload protection short circuit protection ventilation protection blockage protection fan failure

1.0

Portable Energy Storage

4. Simultaneous Power Supply For 9 Devices



5. Product Parameters

| | | | |
|---------------|--|------------------|--|
| Power | 2200W | Battery capacity | 2016WH |
| Battery model | 32140 LiFePO4 battery | N. W . | 21.3Kg |
| AC output | 220V/110V Pure sine wave Power rating 2200W ; Peak power 4400W AC output: US/CN/JP*3,EU/EN*2, Total output power 2200W | Temperature | Discharging Temperature: -10℃ -40℃ Charging Temperature: 0℃-40℃ Storage Temperature:-20℃-45℃ (20℃-30℃)best) |
| LED | 3W , SOS,Lighting (3 levels), Alarm Light USB 3.0: 18W*3 | Charging Power | AC charge: 220V-240V,15A, 1500W max Solar panel: DC12~60V,800W(max) |
| DC output | Type-C: 100W*2 Type-C: 30W*1 DC5521: 136W*2 Car charger +DC5521 Total output power 136W | Dimension | 423×300×316mm |
| | | Packaging | 506×354×404mm |

6. Dimensional Drawing

