Haier | NAHUI

Smart Home
Energy Management System

About Haier Group

Established in 1984, Haier Group is a world-leading provider of solutions to better life. In the process of sustainable innovation and entrepreneurship, Haier always upholds the principle of "prioritizing people's value". Mr.Zhang Ruimin, Chairman of the Board and CEO of Haier Group, first proposed the Rendanheyi Model in September 2005. After 16 years of development and innovation, Rendanheyi has achieved trans-culture, trans-industry and trans-field fusion and replication with its contemporary features, universality characteristics.

39 Years'Global Growth Together

- Global Customers:1B Families +50B $/Yr
- Local Production: 133 Plants +15 Countries
- Local Channel:108 Centers + 230K+stores
- Logistics & Service: 6.5K local Service Centre
- Brands: Top1 from 2009+70B $
- R&D: 10+N Systems+71 Centre
- Job Created: 100K+100K
- Listed: Shanghai+HK+Frankfurt

Incubation Achievements

Global R&D Strengths

Haier has established a user-centric "10+N" open innovation eco-system globally, realising that where the user is, innovation is and where Haier's R&D is.

10+N Open R&D innovation system


Asia-GEA R&D Center in China


Asia-R&D Center in China


Asia-AQUA R&D Center in Japan


Asia-GEA R&D Center in Korea


Asia-GEA R&D Center in India


America-GEA R&D Center in USA


America-GEA R&D Center in Mexico


America-GEA Industry Park in USA


Haier Europe HQ in Italy


Oceania-FPA R&D Center in New Zealand

Haier Ecosystem Brands Globalization Network

Haier
- Strong international brand name
- Full product offerings and full price range coverage
- Global core brand across overseas markets

GE APPLIANCES
- No.1 Kitchen appliance brand in US
- Serve over half of American household
- Fastest growing home appliance company and one of the most respected company in America

FISHER & PAYKEL
- New Zealand's best selling and trusted brand
- Ambition to be the No.1 premium/luxury kitchen appliance brand globally
- Brand built on the social kitchen concept

AQUA
- A user-preferred premium home appliance brand originated from Sanyo Electrics
- Widely recognized in Japan and Southeast Asia
- Leading in the smart community laundromat industry in Japan

Candy
- Smart Italian Brand
- The first brand who launched simply-fi, a complete range of domestic appliances connected via Wi-Fi
- No.1 in market share of connected appliances in Europe

Casarte
- Own original high-end brand in China
- Market leader in high-end white goods sector
- Contemporary and classic design with European and American style

Leader
- Pioneer of fashionable, simple and modern designed appliances
- A youthful brand specifically created for the young generation
- Through innovative technology and fashionable design to build a fun life of endless possibilities

Haier Nahui New Energy Platform

NAHUI New Energy Technology

A new energy platform company with 100% controlled by Haier Group, it includes two major industries :Photovoltaic and Energy storage which creates a comprehensive service platform for new energy industry solutions with a market value of hundreds of billions of dollars.

The photovoltaic industry starts from the market end to carry out investment and development, design and construction, operation and maintenance services for scenarios such as photovoltaic, industrial and commercial, public buildings, and ground power stations in the whole county, and synchronously lays out into the upstream photovoltaic industry chain.

Energy storage starts with Residential Energy Storage, focus on the scenarios of overseas household users + domestic industrial and commercial users, and becomes the leader of residential energy storage integration solutions through differentiated energy storage system with integration solutions.

Position

Commit to be the leader in distributed smart energy solutions

Industrial layout

Nahui Green Energy (Photovoltaic)

distributed power station -interactive customized photovoltaic-multi-scenario solution" integrated service platform

Nahui Energy Storage (Energy Storage)

From the user side, create the"intelli-gent, safe and modular "differentiated competitiveness of the energy storage integration scheme, and realize the industrial layout

Nahui Technology (PCS)

Focus on the construction of smart energy IoT and data value-added, and promote the industrial layout of PCS smart modules

Development route

Power station development

- Photovoltaic power station
  - Household use
  - Multi-scenario
  - Industry and commerce
- Energy storage power station
  - Portable
  - For household use
  - Industry and commerce

Scenario scheme

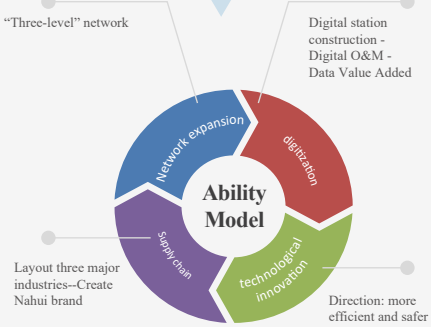
- Independent scene
  - Photovoltaic+
  - Energy storage+
- Fusion scene
  - Integrated optical storage and charging
  - ... ...
- Custom
  - Optical storage + heat pump
  - ... ...

Home smart energy management

- Energy router
  - Photovoltaic power station
  - Energy Storage power station
  - Household load
- Home MicroNet
  - Smart family
  - Smart energy
  - Manage electricity → Save electricity → Sell electricity
- Virtual power plant
  - Energy dispatching
  - Auxiliary regulation
  - Energy trading

Action strategy

Build 4 differentiated capabilities



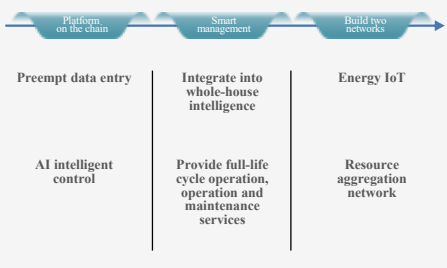
Provide "three more" scenarios thatcan be customized interactively

01 Multi-class scenario scheme

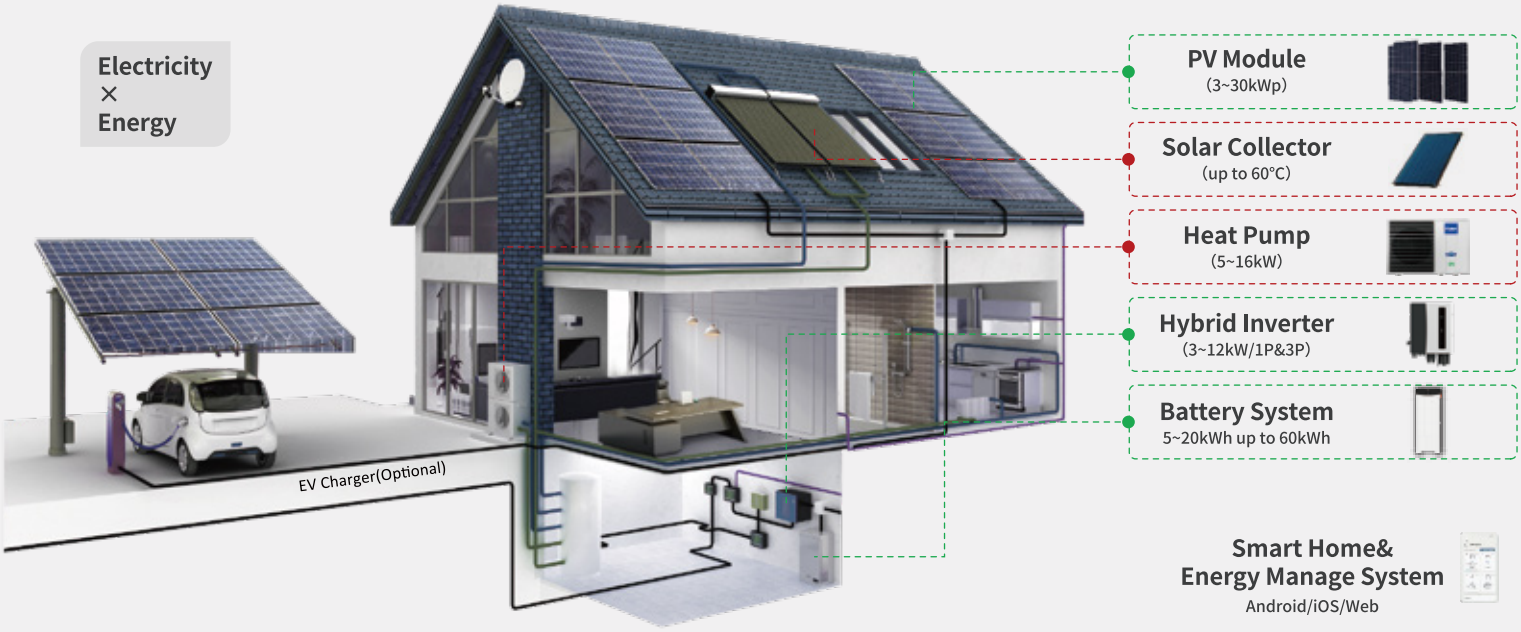
02 Multiple operation modes

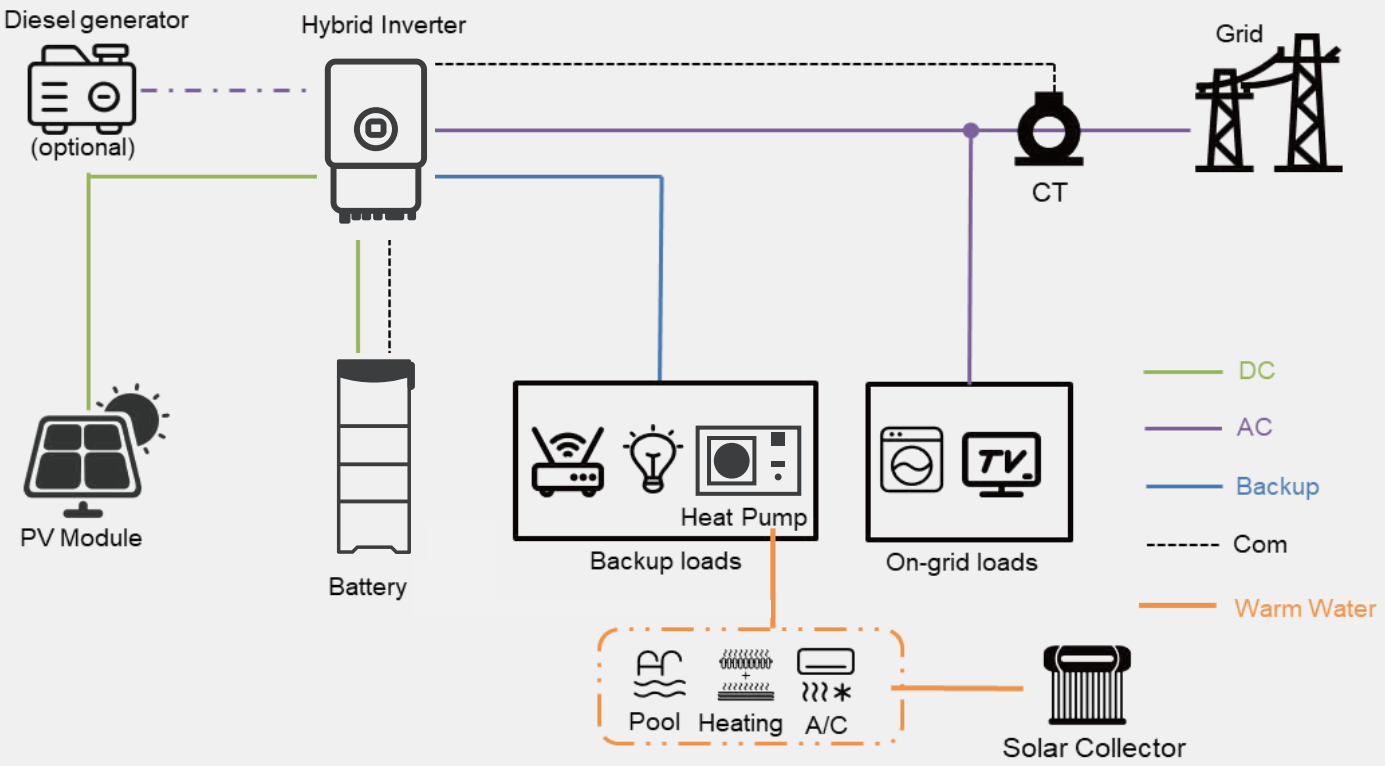
03 Multiple ecological co-creation

Establish a family smart energy management platform



Haier E² Residential Energy Storage System Solution





Extreme Safety
Batteries active and passive safety design

Lower Cost
Higher efficiency of RESS and heat pump

Easy To Install
Modular wiring-free design, 1 person installation

Wide Range Operation
Full power operation down to -30°C

UPS Level Switch
Automatic on/off grid switching time 4ms

Multi Inputs
Grid/PV/Diesel GEN Standard

Flexible Parallel
Flexible Inverter & Batteries parallel

One-Stop Service
All new/Retrofit one-stop Service

HHS-1X5/10/15/20K
Residential ESS (HV)

Haier

	Conventional	HHS-1X
SAFE LFP Cell 4-layer safety protection & 5 patented technologies		
FLEXIBLE 5kWh modular design, scalable from 5 to 60kWh		
EASY INSTALLATION Stack and Light, wiring-less connection; 1-2 persons installation		
DURABLE >6000 life cycles 5 Year Product Warranty , 10 Year Performance Warranty	<6000	>6000

Haier

Model	HHS-1X5K	HHS-1X10K	HHS-1X15K	HHS-1X20K
Picture				
Cell type	Lithium Iron Phosphate			
Battery module	B40012DP03-H(5.12kWh,400V,50kg)			
Number of Battery modules	1	2	3	4
Nominal energy	5kWh	10kWh	15kWh	20kWh
Usable energy (90% DOD)	4.5kWh	9kWh	13.5kWh	18kWh
Nominal Charge Current	6A	12A	18A	24A
Nominal Discharge Current	6.5A	13A	19.5A	25A
Nominal voltage	400V			
Operating voltage range	350-450V			
Communication	CAN/RS485/WiFi/LAN			
Protection function	Charge overvoltage, discharge under-voltage, overcurrent, over-temperature, short circuit protection, etc.			
Cycle life	>6000 times（25℃,0.5C/0.5C,90%DOD,70%EOL）			
Scalability	max 3 systems in parallel			
Protection rating	IP65			
Cooling Type	Natural convection			
Working temperature	Charging： [-10,50]℃			
	Discharging： [-20,50]℃			
Working environment humidity	10%~95% (non condensation)			
Working altitude	<4000m (Derating over 2000m)			
Warranty	5 Year Product Warranty/10 Year Performance Warranty			
Operating Condition	Indoor or outdoor			
Installation	Wall mounting/Ground Installation			
Certifications	IEC62619,CE, UL1973,FCC,UL9540			
Transportation	UN 38.3			
Size W*H*D(mm)	633*597*189	633*912*189	633*1227*189	633*1542*189
Weight	67kg	119kg	171kg	223kg

HLS-1X5/10/15/20K
Residential ESS (LV)

Haier

	Conventional	HLS-1X
SAFE LFP Cell 4-layer safety protection & 5 patented technologies		
FLEXIBLE 5kWh modular design, scalable from 5 to 60kWh		
EASY INSTALLATION Stack and Light, wiring-less connection; 1-2 persons installation		
DURABLE >6000 life cycles 5 Year Product Warranty , 10 Year Performance Warranty	<6000	>6000

Haier

Model	HLS-1X5K	HLS-1X10K	HLS-1X15K	HLS-1X20K
Picture				
Cell type	Lithium Iron Phosphate			
Battery module	B051100P03-H (5.12kWh,51.2V,50kg)			
Number of Battery modules	1	2	3	4
Nominal energy	5kWh	10kWh	15kWh	20kWh
Usable energy (90% DOD)	4.5kWh	9kWh	13.5kWh	18kWh
Nominal Charge/Discharge Current	50A/50A	100A/100A	150A/150A	200A/200A
Max Charge/Discharge Current	100A/100A	180A/180A	200A/200A	200A/200A
Nominal voltage	51.2V			
Operating voltage range	44.8V~55.2V			
Communication	CAN/RS485/WiFi			
Protection function	Charge overvoltage, discharge under-voltage, overcurrent, over-temperature, short circuit protection, etc			
Cycle life	>6000 times（25℃,0.5C/0.5C,90%DOD,70%EOL）			
Scalability	max 3 systems in parallel			
Protection rating	IP55			
Cooling Type	Natural convection			
Working temperature	Charging： [-10,50]℃			
	Discharging： [-20,50]℃			
Working environment humidity	10%~95% (non condensation)			
Working altitude	<4000m (Derating over 2000m)			
Warranty	5 Year Product Warranty/10 Year Performance Warranty			
Operating Condition	Indoor or outdoor			
Installation	Wall mounting/Ground Installation			
Certifications	IEC62619,CE, UL1973,FCC,UL9540			
Transportation	UN 38.3			
Size W*H*D(mm)	573*597*189	573*912*189	573*1227*189	573*1542*189
Weight	65kg	115kg	165kg	215kg

HLR-1X5/10/15/20K

Residential ESS (LV)

Haier | NAHUI

	Conventional	HLR-1X
SAFE LFP Cell 4-layer safety protection & 5 patented technologies		
FLEXIBLE 5kWh modular design, scalable from 5 to 40kWh		
EASY INSTALLATION Compact and Light, plug and play; 1-2 persons installation		
DURABLE >6000 life cycles 5 Year Product Warranty , 10 Year Performance Warranty	<6000	>6000

Haier | NAHUI

Model	HLR-1X5K	HLR-1X10K	HLR-1X15K	HLR-1X20K
Picture				
Cell type	Lithium Iron Phosphate			
Battery module	B051100P03-H (5.12kWh,51.2V,45kg)			
Number of modules in parallel	1	2	3	4
Nominal energy	5kWh	10kWh	15kWh	20kWh
Usable energy (90% DOD)	4.5kWh	9kWh	13.5kWh	18kWh
Nominal Charge/Discharge Current	50A/50A	100A/100A	150A/150A	200A/200A
Max Charge/Discharge Current	100A/100A	180A/180A	200A/200A	200A/200A
Nominal voltage	51.2V			
Operating voltage range	44.8V~55.2V			
Communication	CAN/RS485/WiFi/LAN			
Protection function	Charge overvoltage, discharge under-voltage, overcurrent, over-temperature, short circuit protection, etc.			
Cycle life	>6000 times（25℃,0.5C/0.5C,90%DOD,70%EOL）			
Scalability	Max 4 battery packs in Parallel for each rack; Max 2 racks in Parallel, Combiner box needed for expansion			
Protection rating	IP20 (moudle)			
Cooling Type	Natural convection			
Working temperature	Charging：[-10,50]℃			
	Discharging：[-20,50]℃			
Working environment humidity	10%~95% (non condensation			
Working altitude	<4000m (Derating over 2000m)			
Warranty	5 Year Product Warranty/10 Year Performance Warranty			
Operating Condition	Indoor			
Installation	Wall mounting/Ground Installation			
Certifications	IEC62619,CE, UL1973,FCC,UL9540			
Transportation	UN 38.3			
Size W*H*D(mm)	482*135*433 (moudle)			
Weight	45kg	90kg	140kg	185kg

H1PL-2J3.6/5/6K-EU

Single-phase Hybrid Inverter (LV)

	Conventional	H1PL-2J
SAFE Integrated AFCI function, actively detects arc faults in PV Array AC/DC Surge Protection		
HIGH YIELDS Integrated 2 MPPTs,higher tracking accuracy for each string Wide voltage range, start earlier and stop later, more electricity generation		
HIGH PERFORMANCE Up to 15A of MPPT current input Multiple working modes to meet different using scenarios		

Haier

Model	H1PL-2J3.6K-EU	H1PL-2J5K-EU	H1PL-2J6K-EU
Picture			
Input DC (PV side)			
Recommended max. PV power	5.7 kW	8 kW	8 kW
Max. input voltage	600 V		
Rated voltage	330 V		
Start-up voltage	120 V		
MPPT voltage range	90-520 V		
Max. input current	15 A / 15 A		
Max. short circuit current	22.5 A / 22.5 A		
MPPT number	2		
Max. input strings number per MPPT	1		
Battery			
Battery type	Li-ion / Lead-acid		
Battery voltage range	42 - 58 V		
Max. charge / discharge power	3 kW	5 kW	
Max. charge / discharge curre	62.5 A	100 A	
Communication	CAN		
Output AC (Grid side)			
Rated output power	3.6 kW	5kW	6kW
Max. apparent output power	4 kVA	5.5 kVA	6.6 kVA
Operation phase	1/N/PE		
Rated grid voltage	220 V / 230 V		
Rated grid frequency	50 Hz / 60 Hz		
Rated grid output current	16.4 A / 15.7 A	22.8 A / 21.7 A	27.3 A / 26.1 A
Max. output current	18.5 A	25 A	30 A
Power factor	>0.99 (0.8 leading - 0.8 lagging)		
THDi	<2%		
Input AC (Grid side)			
Input voltage range	187-265 V		
Max. input current	25 A / 23.5 A	34.5 A / 33 A	34.5 A / 33 A
Frequency range	45-55 Hz / 55-65 Hz		
Output AC (Back-up)			
Rated output power	3 kW	5 kW	
Max. apparent output power	4.5 kVA, 10 sec	7 kVA, 10 sec	
Back-up switch time	<20 ms		
Rated grid voltage	1/N/PE, 220 V / 230 V		
Rated grid frequency	50 Hz / 60 Hz		
Max. output current	14 A / 13.5 A	23 A / 22 A	
THDv (@linear load)	<2%		
Efficiency			
Max. efficiency	>97.1%		
EU efficiency	>96.5%		
Protection			
DC reverse-polarity protection	Yes		
Short circuit protection	Yes		
Output over current protection	Yes		
Surge protection	DC Type II / AC Type II		
Ground fault monitoring	Yes		
Integrated AFCI (DC arc-fault circuit protection)	Yes (1)		
Protection class/Over voltage category	I/II		
General Data			
Dimensions (W*H*D)	333*505*249 mm		
Weight	18.3 kg		
Topology	High frequency isolation (for battery)		
Protection rating	IP65		
Cooling concept	Natural convection		
Max. operation altitude	3000 m		
Grid connection standard	G98 or G99, VDE-AR-N 4105/VDE V 0124, EN 50549-1, VDE 0126/UTE C 15/VFR:2019, RD 1699/RD 244/UNE 206006/UNE 206007-1, CEI 0-21, C10/11, NRS 097-2-1, EIFS 2018.2, IEC 62116, IEC 61727, IEC 60068, IEC 61683, EN 50530, MEA, PEA		
Safety/EMC standard	IEC/EN 62109-1/-2, EN 61000-6-2/-3		
Features			
DC connection	MC4 connector		
AC connection	Quick connection plug		
Display	7.0"LCD color screen display		
Communication	RS485, Optional: Wi-Fi, GPRS		

H1PL-1J3.6 /5/6K-EU

Single-phase Hybrid Inverter (LV)

Haier | NAHUI

	Conventional	H1PL-1J
SAFE Integrated AFCI function, actively detects arc faults in PV Array IP66 protection	IP66	IP66
HIGH YIELDS Integrated 2 MPPTs,higher tracking accuracy for each string MPPT start-up voltage only 90V and wide voltage range, more electricity generation		
HIGH PERFORMANCE Up to 16A of MPPT current input Supports 1.6 DC:AC ratio to connect more PV capacity Multiple working modes to meet different using scenarios		

Haier | NAHUI

Model	H1PL-1J3.6K-EU	H1PL-1J5K-EU	H1PL-1J6K-EU
Picture			
Input DC (PV side)			
Recommended max. PV power	5.7 kW	8 kW	9.6 kW
Max. input voltage	600 V		
Rated voltage	330 V		
Start-up voltage	90 V		
MPPT voltage range	90-520 V		
Max. input current	16 A / 16 A		
Max. short circuit current	24 A / 24 A		
MPPT number	2		
Max. input strings number per MPPT	1		
Battery			
Battery type	Li-ion / Lead-acid		
Battery voltage range	42 - 58 V		
Max. charge / discharge power	3.6kW	5kW	6kW
Max. charge / discharge current	75 A	105A	125A
Communication	CAN/RS485		
Output AC (Grid side)			
Rated output power	3.6 kW	5kW	6kW
Max. apparent output power	4 kVA	5.5 kVA	6.6 kVA
Operation phase	1/N/PE		
Rated grid voltage	220 V / 230 V		
Rated grid frequency	50 Hz / 60 Hz		
Rated grid output current	16.4 A / 15.7 A	22.7 A / 21.7 A	27.3 A / 26.1 A
Max. output current	18.2 A	25 A	30A
Power factor	>0.99 (0.8 leading - 0.8 lagging)		
THDi	<2%		
Input AC (Grid side)			
Input voltage range	187-253 V		
Max. input current	24.6 A	34.1 A	40 A
Frequency range	45-55 Hz / 55-65 Hz		
Output AC (Back-up)			
Rated output power	3.6 kW	5kW	6kW
Max. apparent output power	5 kVA, 60 sec	7 kVA, 60 sec	8 kVA, 60 sec
Back-up switch time	<10 ms		
Rated grid voltage	1/N/PE, 220 V / 230 V		
Rated grid frequency	50 Hz / 60 Hz		
Max. output current	26.2 A	36.5 A	40 A
THDv (@linear load)	<2%		
Efficiency			
Max. efficiency	> 97.5%		
EU efficiency	> 96.2%		
Protection			
DC reverse-polarity protection	Yes		
Ground fault monitoring	Yes		
Integrated AFCI (DC arc-fault circuit protection)	Yes (Activation required)		
Protection class/Over voltage category	I/II		
General Data			
Dimensions (W*H*D)	405*480*205 mm		
Weight	24.2 kg		
Topology	High frequency isolation (for battery)		
Operating ambient temperature range	-25~60°C		
Protection rating	IP66		
Cooling concept	Natural convection		
Max. operation altitude	4000 m		
Grid connection standard	G98 or G99, VDE-AR-N 4105 / VDE V 0124, EN 50549-1, VDE 0126 / UTE C 15 / VFR:2019, RD 1699 / RD 244 / UNE 206006 /UNE 206007-1, CEI 0-21, C10/11, NRS 097-2-1, EIFS 2018.2, IEC 62116, IEC 61727, IEC 60068, IEC 61683, EN 50530, MEA, PEA		
Safety/EMC standard	IEC/EN 62109-1/-2, EN 61000-6-1/-2/-3/-4		
Features			
DC connection	MC4 connector		
AC connection	Quick connection plug		
Display	LED + APP		
Communication	RS485, CAN, Optional: Wi-Fi, GPRS, LAN		

H3PH-1J6/8/10K-EU

Three-phase Hybrid Inverter (HV)

	Conventional	H3PH-1J
SAFE Integrated AFCI function, actively detects arc faults in PV Array IP66 protection	IP66	IP66
HIGH YIELDS Integrated 3-4 MPPTs,higher tracking accuracy for each string MPPT start-up voltage only 160V and wide voltage range, more electricity generation		
HIGH PERFORMANCE Up to 16A of MPPT current input Supports 1.6 DC:AC ratio to connect more PV capacity Multiple working modes to meet different using scenarios		

Model	H3PH-1J6K-EU	H3PH-1J8K-EU	H3PH-1J10K-EU
Picture			
Input DC (PV side)			
Recommended max. PV power	9.6 kW	12.8 kW	16 kW
Max. input voltage	1000 V		
Rated voltage	600 V		
Start-up voltage	160 V		
MPPT voltage range	200-850 V		
Max. input current	16 A / 16 A		
Max. short circuit current	24 A / 24 A		
MPPT number	3	4	4
Max. input strings number per MPPT	1	1	1
Battery			
Battery type	Li-ion		
Battery voltage range	120-600 V		
Max. charge / discharge power	6 kW	8 kW	10kW
Max. charge / discharge current 25 A	25A	50A	50A
Communication	CAN/RS485		
Output AC (Grid side)			
Rated output power	6 kW	8 kW	10kW
Max. apparent output power	6.6 Kva	8.8 kVA	11 kVA
Rated grid voltage	3/N/PE, 380 V / 400 V		
Rated grid frequency	50 Hz / 60 Hz		
Rated grid output current	9.1 A / 8.7 A	12.2 A / 11.5 A	15.2 A / 14.4 A
Max. output current	10 A / 9.6 A	13.4 A / 12.7 A	16.7 A / 15.8 A
Power factor	>0.99 (0.8 leading - 0.8 lagging)		
THDi	<3%		
Input AC (Grid side)			
Max. input power	9 kW	12 kW	15 kW
Rated input current	13.8 A	18.2 A	22.8 A
Rated input voltage	3/N/PE, 380 V / 400 V		
Rated input frequency	50 Hz / 60 Hz		
Output AC (Back-up)			
Rated output power	6 kW	8 kW	10kW
Max. apparent output power	9.6 kVA, 60 sec	12.8 kVA, 60 sec	16 kVA, 60 sec
Back-up switch time	<10 ms		
Rated output voltage	3/N/PE, 380 V / 400 V		
Rated frequency	50 Hz / 60 Hz		
Rated output current	9.1 A / 8.7 A	12.2 A / 11.5 A	15.2 A / 14.4 A
THDv (@linear load)	<2%		
Efficiency			
Max. efficiency	97.91%	98.03%	98.04%
EU efficiency	97.10%	97.41%	97.51%
Protection			
Anti-islanding protection	Yes		
Output over current protection	Yes		
Short circuit protection	Yes		
Integrated AFCI (DC arc-fault circuit protection)	Yes (Activation required)		
Integrated DC switch	Yes		
DC reverse-polarity protection	Yes		
PV over voltage protection	Yes		
Battery reverse protection	Yes		
General Data			
Dimensions (W*H*D)	600*500*230 mm		
Weight	32.6 kg		
Topology	Transformerless		
Self-consumption (night)	<25 W		
Operating ambient temperature range	-25~60°C		
Protection rating	IP66		
Cooling concept	Natural convection		
Max. operation altitude	4000 m		
Grid connection standard	G98 or G99, VDE-AR-N 4105 / VDE V 0124, EN 50549-1, VDE 0126 / UTE C 15/VFR:2019, RD 1699/RD 244 / UNE 206006 /UNE 206007-1, CEI 0-21, C10/11, NRS 097-2-1, TOR, EIFS 2018.2, IEC 62116, IEC 61727, IEC 60068, IEC 61683, EN 50530, MEA, PEA		
Safety/EMC standard	IEC/EN 62109-1/-2, IEC/EN 61000-6-1/-3		
Features			
PV connection	MC4 connector		
Battery connnection	Quick connection plug		
AC connection	Quick connection plug		
Display	LED + Bluetooth + APP		
Communication	CAN, RS485, Ethernet, Optional: Wi-Fi, Cellular, LAN		

HLP-1X1000-US/JP/EU
Portable Power Station

Haier | NAHUI

	Conventional	HLP-1X
SAFE LFP Cell 4 common scenarios safety guarantee & 6 stages protection design		
CONVENIENT Up to 12 output interfaces, supporting simultaneous use of multiple devices		
RELIABLE Pure sine wave output, no damage to electrical appliances		
DURABLE >2000 life cycles	<2000	>2000

Model	HLP-1X1000-US	HLP-1X1000-JP	HLP-1X1000-EU
Picture			
Cell type	Lithium Iron Phosphate		
Nominal energy	1182Wh		
AC output			
AC output	1000W (1500W peak)		
Continuous output power	100-120V (pure sine wave)	100-120V (pure sine wave)	200-240V (pure sine wave)
DC output			
DC output	12±1V/10A		
USB A output	5V/2.4A		
USB A 18W output	5-12V/18W max		
PD 60W output	5-20V/60W max		
Cigarette lighter socket	13±1V/10A max		
AC/CIG/PV input			
PV input	MPPT 15-40V/150W Max		
Cigarette lighter socket	12-24V/120W max		
AC input	100-120V ;50/60Hz		
General data			
Protection rating	IP21		
Life cycle	>2000 times		
DOD	>90%		
Total output ports	12		
UPS	<20ms		
Net weight	23kg		
Dimension	350*345*315mm		

Haier Total Advantages for Customers

Haier | NAHUI

Haier Group | NAHUI New Energy Industry Internet Platform
Add： No.1 Haier Road. Haier Industrial Board Building. Qingdao. China
nahuihaier@haier.com

Europe & Middle East & Africa
Pan Lv
+86-18678985306
lvpan@haier.com

North America & South America & Oceania
Allison Zhang
+86-15692108372
xc.zhangpengyuan@haier.com

Asia
Belinda Zhang
+86-13953296029
zhangweij@haier.com

Solar & Energy Storage System
Chunping Hou
+86-18661953899
houchp@haier.com