

HEGATECH

NEW ENERGY

COMPLETED PV POWER SYSTEM SOLUTION PROVIDER

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ABOUT HEGATECH

Founded in 2013, HEGATECH is engaged in the R&D, production and sales of solar products from silicon filament, silicon rod, graphite and quartz products to solar modules and PV system related products in PV industry, providing professional PV industry chain solutions for global customers. We are committed to being a global leader in PV industry.

Relying on the integration and optimization of superior resources of PV industry, HEGATECH adheres to empowering customers more value with an vertically integrated whole industry service platform. HEGATECH's products are sold to more than 20 countries around the world such as Europe, North Africa and Asia&Pacific. We are experienced in the development and investment of PV Power System including industrial & commercial and residential PV system, while actively expanding the diverse-field application scenarios of PV products.

With the aspiration of achieving a global green future, HEGATECH strategically layouts the core industry links of PV industry chain to improve the company's competitiveness, and creates new strengths. We continuously contribute to optimize power consumption to a clean energy times.



CLEAN ENERGY
leads to better environment

COMPANY DEVELOPMENT

★ HEGATECH was founded in 2013

- 130MW-Total Amount of PV Projects Investment

- 100MW-Annual Sales Amount of Solar Cell
- 20MW-Annual Sales Amount of Solar Module
- 300MW-PV power projects were accumulately transferred
- The fishery-solar hybrid PV power project was connected to the grid

- High Quality Development Contribution Award in 2020
- Outstanding Contribution Award in 2021
- Listing as a National High-tech Enterprise in 2020(HEGATECH Inner Mongolia)

- TOPCon solar module integrated with GRPU frame is released in 2024

2013

2014-2015

2016-2017

2018-2019

2020-2021

2022-2023

2024-2025

- 60MW-Annual Sales Amount of Wafer
- 500MW-Annual Sales Amount of Solar Cell
- 100MW-Annual Sales Amount of Solar Module
- 190MW PV power projects were accumulately transferred

- Received the Contribution Award of Enterprises Entering the Economic Development zone in 2018
- Received the Import and Export Outstanding Contribution Award in 2019

- New development of overseas PV system market in 2022
- Received the "Innovative Small and Medium-sized Enterprises" Award(HEGATECH Inner Mongolia)

GLOBAL MARKET.



EUROPE

Russia
Germany
France
Netherland
Italy

EUROPE

Poland
Portugal
Bulgaria

ASIA

Japan
South Korea
India
Malaysia

ASIA

Kazakhstan
Vietnam
U.A.E

AFRICA

Egypt
Congo

OCEANIA


Australia
Palau

HGT RESIDENTIAL SMART PV SYSTEM.


We provide clean and affordable energy for householders which is intelligent, friendly, safe and reliable, maximizing the investment value for customers.

FULL PV POWER SYSTEM VALUE CHAIN

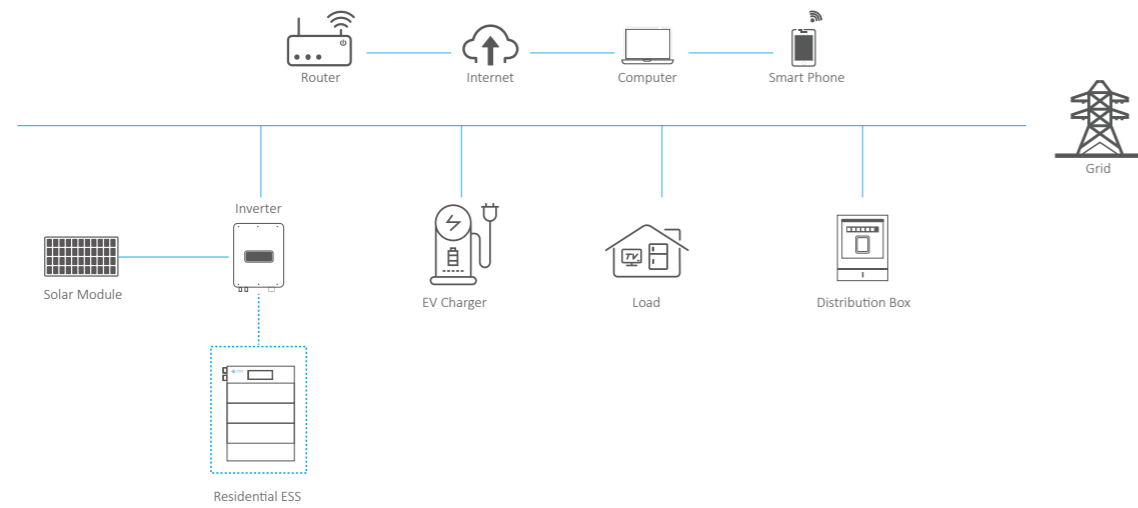
 QUALIFIED ORIGINAL COMPONENTS

 PROFESSIONAL FULL SYSTEM DESIGN

 RELIABLE DELIVERY

 LONG-TERM AFTER-SALE SERVICE

RESIDENTIAL PV SYSTEM SOLUTION



MAIN COMPONENTS



HGT BALCONY/YARD MINI PV SYSTEM.


Our ecological PV systems produce clean and safe solar energy. This simple plug-and-play solar system requires only an AC power outlet, without a distribution box, and can be installed by non-professionals. HGT Balcony/Yard Mini PV System is the simple and affordable entry into the solar technology and serves to reduce the electricity costs for every household. It's a good choice to use your own small balcony or yard to build a mini PV power system which is simple, convenient and fast payback.

KEY FEATURES

 EASY INSTALLATION

 PLUG AND PLAY

 REDUCTION OF
ELECTRICITY COSTS

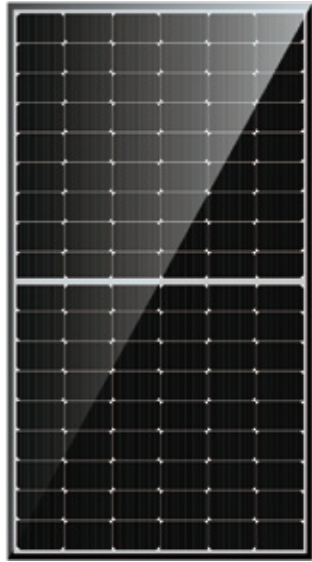
 PAYBACK PERIOD
IN SHORT TIME

MAIN COMPONENTS

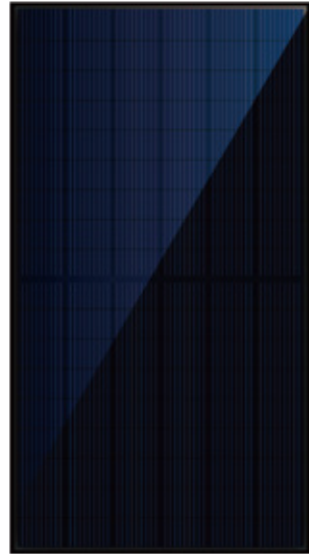


HGT SOLAR MODULE

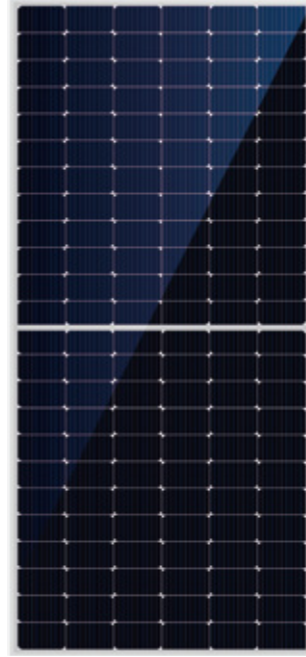
HEGA-MO



N-Type Series



BLACK PEARL Series



Bifacial P-Type Series



High Power Output
Leading module efficiency in industry



High Reliability
Passed 3*IEC standard test



Low Hot-spot Risk
1/2 current, reducing the hot spot temperature



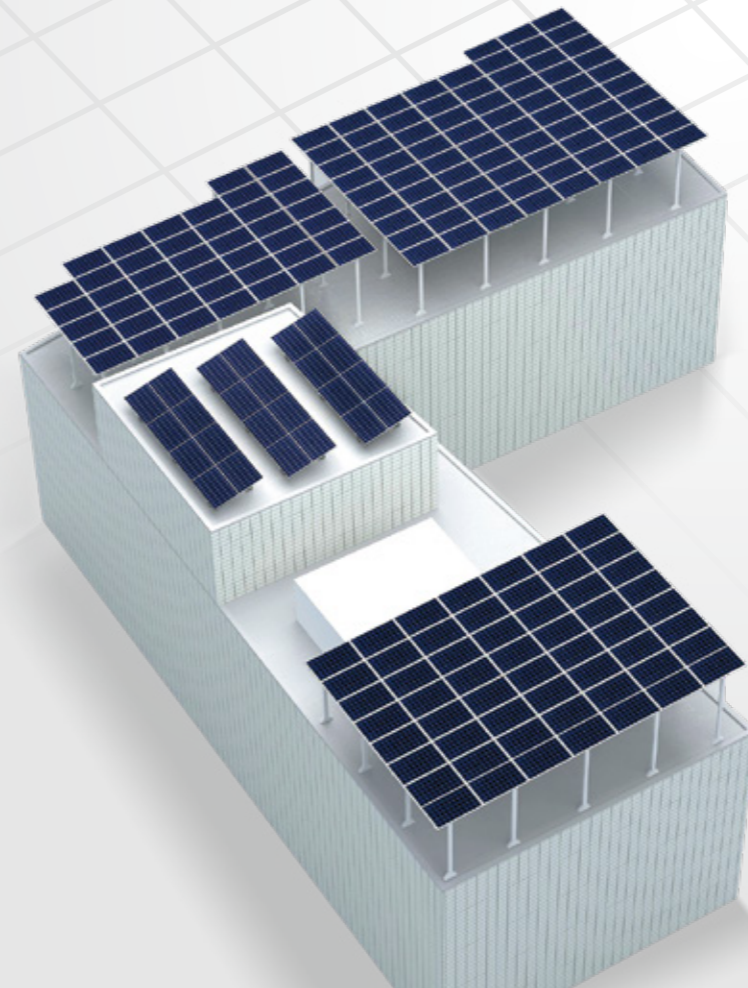
Half Cell MBB Technology
More reliable soldering technology, reduce possibility of hot spot



Excellent Loading Capability
2400Pa wind loads, 5400Pa snow loads



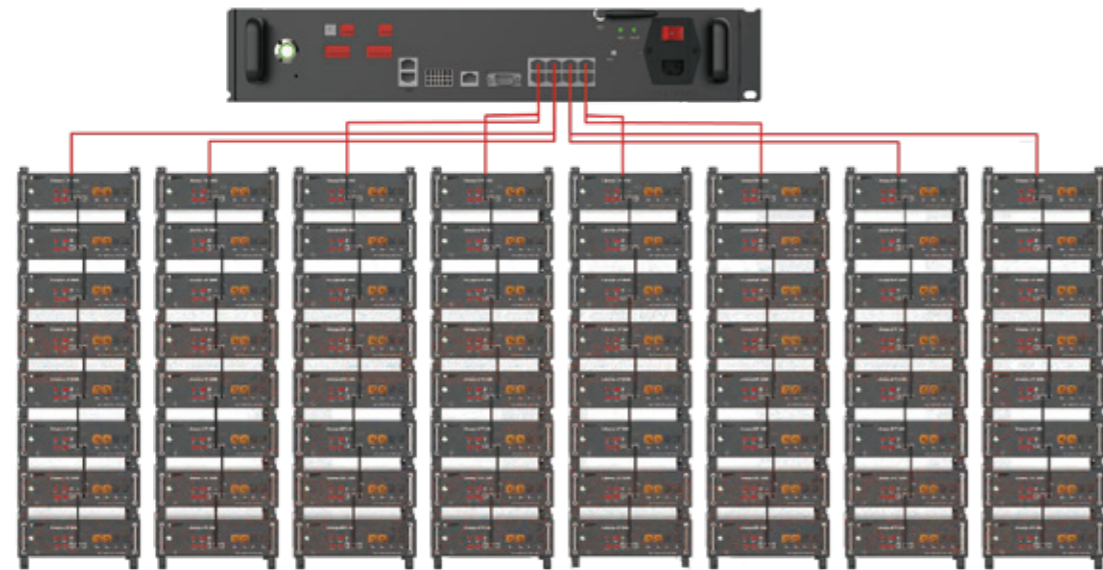
LOW NMOT
As low as 43°C, improving the power generation efficiency



POWER MAGIC CUBE.

Key Features

- ⦿ **On/off management including automatic wake-up function**
Due to the complex operating conditions of the off-grid system, the battery will run out of power in rare circumstances. It enables the customers to solve the problem of manual operation.
- ⦿ **Triple electrical safety protection**
Users' safety will be effectively guaranteed.
- ⦿ **Battery Integration Strategy**
The customers add a new battery to the original system in later usage can be matched by this strategy.
- ⦿ **Series and parallel supported**
The same model product can be installed in series or in parallel.
- ⦿ **SOC dynamic calibration**
Sophisticated strategy allows SOC to calibrate itself and make it more precise.
- ⦿ **Current and single voltage acquisition accuracy**
It ensures precise acquisition of current and voltage.
- ⦿ **Remote monitoring**
Our products support both Web & App side data monitoring.



HGE 2400 Power Magic Cube

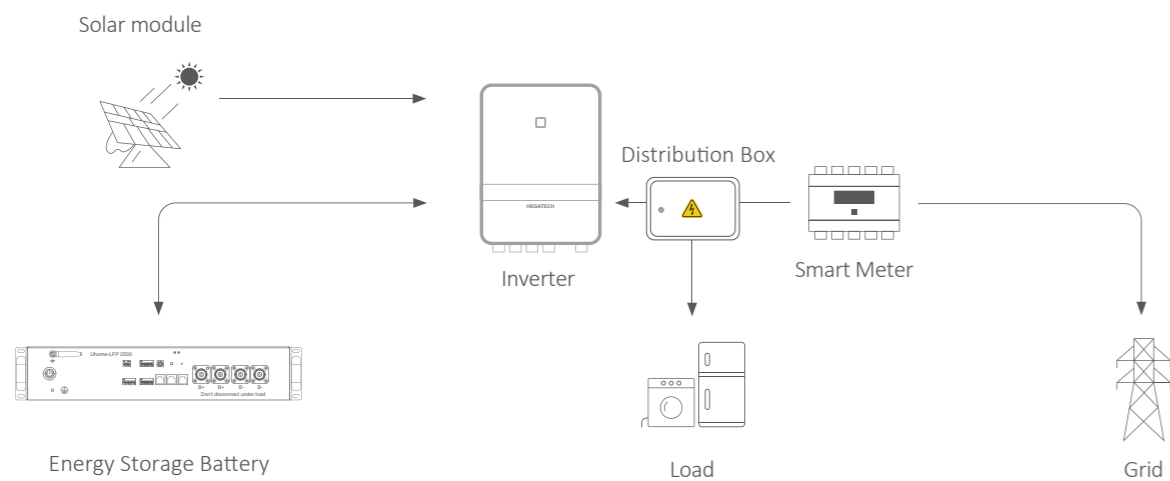


HGE 5000 Power Magic Cube



RESIDENTIAL ENERGY STORAGE SYSTEM.

Integrated lithium-ion battery energy storage system with home energy management system, the solution is expandable on requests and has a variety of combinations. With flexible, efficient and customized products and services, it is suitable for home users to build a clean, independent and economic micro-grid system.



Key Features



LiFePO4 Safe Battery



Easy Installation & After-Sale Service



Wall-Mounted & Parallel Connection



Intelligent Build-in BMS



Safe Protection and Easy Move



>6,000 Cycles at 90% DOD



POWER DESIGNED FOR CLEAN AND AFFORDABLE ENERGY



PROJECT INVESTMENT

Industrial & Commercial PV Power Systems

PROJECT	CAPACITY	PLACE	COMPLETED
Yilin Aluminum Industry Roof PV Power System	2.6MW	Jiangsu	on-grid in 2013
Bosideng Logistics Roof PV Power System	4.2MW	Jiangsu	on-grid in 2017
Bosideng Clothing Company Roof PV Power System	5.3MW	Jiangsu	on-grid in 2017
Yonghui textile Roof PV Power System	2.0MW	Jiangsu	on-grid in 2018
Xinchao New Energy Roof PV Power System	1.0MW	Jiangsu	on-grid in 2018
Wuxi LONGI Material Roof PV Power System	1.0MW	Jiangsu	on-grid in 2018
Wuxi KIPOR PV Power System	1.4MW	Jiangsu	on-grid in 2019
Weike Group PV Power System	3.3MW	Jiangsu	on-grid in 2019
Wuxi Yulong Steel Roof PV Power System	3.2MW	Jiangsu	on-grid in 2019
Xinchang Roof PV Power System	0.4MW	Jiangsu	on-grid in 2023
Sunlit Rooftop PV Power System	0.3MW	Jiangsu	on-grid in 2023
Commercial PV Power System in Poland	360KW	Poland	on-grid in 2023

Residential PV Power Systems

PROJECT	CAPACITY	PLACE	COMPLETED
Residential PV Power System in Palau	2.0MW	Palau	on-grid in 2022
Residential PV Power System in Germany	7.0KW	Germany	on-grid in 2023
Clinic PV Power System in Portugal	25.0KW	Portugal	on-grid in 2023
Residential PV Power System in France	1.2MW	France	on-grid in 2024

Industrial & Commercial PV Power Systems (parts)



1.04MW Wuxi LONGI Materia Rooftop PV Project



1.4MW KIPOR Rooftop PV Project



3.3MW Weike Group Rooftop PV Project



3.26MW Yulong Steel Factory Rooftop PV Project



0.3MW Sunlit Factory Rooftop PV Project



0.4MW Xinchangmaoye Rooftop PV Project



5.29MW Bosideng Comany PV Power Project



4.2MW Bosideng Logistic Zone PV Power Project



360KW Mall Rooftop PV Project in Poland

Residential PV Power Systems (parts)



Residential PV Power System in Palau



Clinic PV Power System in Portugal



Residential PV Power System in Germany