



WEIFANG NEW ENERGY SOLUTIONS

Integrated Product Catalog 2026

POWERING
A CLEANER
BRIGHTER
TOMORROW

Solar PV • Inverters • Energy Storage • Lithium Battery Solutions



Clean
Energy



Reliable
Solutions



Efficient
Performance



A Sustainable
Tomorrow



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Weifang, Shandong, China



Solar PV Modules

High-performance module families for rooftop, commercial and utility projects



DHM66D50-TP Series
(High Power Module)



DHM72D30-TP Series
(High Efficiency Module)

Our solar PV modules cover a broad range of high-efficiency products, designed for distributed and utility-scale projects. With advanced cell technology, reliable quality and stable performance, we deliver clean energy solutions for a brighter and more sustainable tomorrow.

Product Series & Power Range

Model Series	Power Range
DHM66D50-TP	695 – 720W
DHM78D30-TP	635 – 660W
DHM66D60-TP	610 – 635W
DHM72D30-TP	585 – 610W
DHM60D30-TP	485 – 510W
DHM48D65-TP	440 – 465W



High Power Output
Higher energy yield and lower LCOE



Mono/Bifacial Options
Flexible choices for different projects



From Rooftop to Utility-Scale
Suitable for residential, commercial and large-scale power plants





Inverter Product Range

Hybrid and on-grid solutions for residential, commercial and industrial use

Our inverter lineup delivers reliable, efficient and flexible power conversion for a wide range of applications. From residential homes to commercial and industrial projects, we provide hybrid and on-grid solutions designed for cleaner energy and a more sustainable tomorrow.



Intelligent Energy Management

Maximize self-consumption and reduce energy costs.



Residential to C&I Coverage

Solutions for homes, businesses and large-scale projects.



Flexible System Integration

Compatible with batteries, PV arrays, smart meters and more.



Single Phase Hybrid Inverter

3–6 kW class



Three Phase Low Voltage Hybrid Inverter

5–15 kW class

Product Families

Single Phase Hybrid Inverter

3–6 kW class



Ideal for residential applications with battery storage, providing reliable backup power and higher energy self-sufficiency.

Three Phase Low Voltage Hybrid Inverter

5–15 kW class



Designed for small commercial and industrial applications, with battery support and flexible system configuration.

Single Phase On-Grid Inverter

1–10 kW class



Efficient and cost-effective solution for residential and small commercial grid-tied PV systems.

Three Phase On-Grid Inverter

6–136 kW class



High-performance inverters for commercial and industrial projects, ensuring stable and efficient grid connection.

Battery Control Box

DH-CNB-231005



Intelligent battery management and protection for safe and reliable energy storage operation.



Residential & Small Commercial Energy Storage

Wall-mounted, rack-mounted, floor-standing and all-in-one systems

Our residential and small commercial energy storage systems combine high-performance LiFePO4 battery technology with intelligent BMS and modular design, providing safe, reliable and flexible energy solutions for a cleaner, more independent tomorrow.



Long
Cycle Life



Modular
Integration



Home & Small
Commercial
Backup Applications



Wall-Mounted ESS

Compact design
for easy installation



Rack Battery

Modular and scalable
for flexible capacity



Floor-Standing ESS

High capacity for
residential and small commercial use



All-in-One ESS

Integrated inverter, battery
and intelligent control

Product Family	Model	Capacity	Key Features
Wall-Mounted ESS	DHLV-LFP-5000	5.12 kWh	LiFePO4 battery, intelligent BMS, compact wall-mounted design
Rack Battery	SDC10-Box5	5.12 kWh	Modular design, easy expansion, standard rack installation
Floor-Standing Residential ESS	DH-WLL010D1	–	Floor-standing design, large capacity, suitable for home use
Floor-Standing ESS	DH-314T16R	–	High-capacity system, suitable for small commercial applications
Vertical Residential All-in-One ESS	DH-LFP-VLV	5–30 kWh	Integrated inverter, battery and control system, flexible capacity range
Vertical Residential All-in-One ESS, HV Series	DH-LFP-VHV	9–23 kWh	High-voltage all-in-one design, high efficiency and scalability



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Commercial & Utility Energy Storage

High-voltage, liquid-cooled and containerized storage solutions



Scalable Architecture
Flexible capacity for growing demand



C&I / Utility Deployment
Reliable for commercial and grid applications



Efficient Thermal Management
Liquid-cooling design for high performance



Our commercial and utility energy storage solutions cover high-voltage stackable systems, liquid-cooled cabinets, all-in-one PV-ESS and large-scale containerized storage. Featuring advanced battery management, high efficiency and flexible configurations, they are designed to deliver reliable, safe and cost-effective energy for a cleaner and more sustainable future.

PRODUCT FAMILY		MODEL	CAPACITY RANGE / KEY SPECIFICATIONS
	High-Voltage Stackable Energy Storage System	DH-X_HV-460V206AH	High-voltage stackable lithium battery system Modular design, flexible expansion, suitable for commercial applications.
	Liquid-Cooling Energy Storage Cabinet Solutions	DH241/261L-125K	241/261 kWh class Liquid-cooled integrated cabinet with high efficiency and high reliability.
	Liquid-Cooling All-in-One PV-ESS	DH261L-100KGC	261 kWh class Integrated PV, battery and PCS in one cabinet, optimized for C&I applications.
	Embedded Residential Lithium Battery ESS	HP-SG_CH_V1.0	30.72 – 61.44 kWh Compact and safe design for residential and small commercial use.
	Large-Scale Energy Storage Container Solutions	DH3.34M-L / DH5M-L	3.34 MWh / 5 MWh Containerized solution with liquid cooling, suitable for utility-scale energy storage.



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Lithium Battery Storage Products

Representative low-voltage and industrial battery families

Our lithium battery storage products cover a wide range of applications, from home energy storage to commercial and industrial power systems. With reliable LiFePO4 technology, intelligent BMS and flexible configurations, we deliver safe, efficient and long-lasting energy storage solutions for a cleaner and more sustainable future.

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12.8V
Energy Storage Battery



25.6V
Wall-Mounted Battery



51.2V
Rack Battery System



76.8V
Industrial Battery

Product Families

12.8V Energy Storage Battery Family



- LiFePO4 cells
- Compact and lightweight
- Ideal for home storage, RV and off-grid systems

25.6V Battery Family



- Storage, rack and wall-mounted options
- High energy density
- Flexible capacity options
- Suitable for residential and commercial use

51.2V Battery Family



- Mobile storage, rack and wall-mounted systems
- Scalable and modular
- Perfect for home, commercial and industrial applications

76.8V Lithium Battery Family



- Industrial and forklift applications
- High power output
- Rugged and reliable
- Designed for demanding working environments



LiFePO4 Chemistry Focus

Safe, long cycle life and environmentally friendly.



Scalable Storage Options

Flexible configurations to meet different energy needs.



Suitable for Backup and Industrial Scenarios

Reliable power for home, commercial and industrial applications.



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Mobility Lithium Batteries I

2-wheel, tricycle and cargo vehicle applications

High-performance lithium batteries designed for electric two-wheelers, tricycles and low-speed EVs. Delivering long range, strong power and reliable safety for a cleaner and more efficient urban and rural mobility.



Multiple Voltage Platforms

48V / 60V / 72V



LiFePO4 Chemistry

Safe, Stable, Long Life



Application-Specific Battery Matching

Optimized for Different Vehicles



E-Scooter / E-Motorcycle

48V 32Ah
60V 22Ah
60V 32Ah
72V 22Ah
72V 32Ah



Leisure Tricycle

48V 32Ah / 45Ah
60V 32Ah / 45Ah
72V 32Ah / 45Ah



Passenger Tricycle

48V 58Ah
60V 58Ah
72V 58Ah



Canopy Tricycle

48V 70Ah / 80Ah
60V 70Ah / 80Ah
72V 70Ah / 80Ah



Cargo Tricycle

48V 170Ah / 200Ah
60V 170Ah / 200Ah
72V 170Ah / 200Ah



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Mobility Lithium Batteries II

EV, industrial and specialty battery applications

Reliable lithium battery solutions for a wide range of electric mobility, industrial equipment and specialty vehicles. Built for high performance, long cycle life and safe operation, our batteries power a cleaner, smarter and more efficient future.



High-capacity
industrial options



Specialty vehicle
coverage



Fleet and delivery
applications



Model Summary

Electric Sedan /
Micro EV



48V 110Ah / 130Ah / 150Ah
60V 110Ah / 130Ah / 150Ah
72V 110Ah / 130Ah / 150Ah

Golf Cart



48V 110Ah
60V 110Ah
72V 110Ah

Sightseeing Vehicle



48V 150Ah
60V 150Ah
72V 150Ah

Electric Forklift



48V 220Ah / 300Ah
60V 220Ah / 300Ah
72V 220Ah / 300Ah

Sanitation Sweeper



48V 220Ah / 300Ah
60V 220Ah / 300Ah
72V 220Ah / 300Ah

Truck Parking A/C



24V 175Ah
24V 255Ah
24V 265Ah

Rider Battery
Swap Solution



60V 60Ah
72V 60Ah



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Solar PV
Modules



Inverters



Energy Storage
Systems



Lithium Battery
Storage Products



Mobility
Lithium Batteries

Thank you for reviewing our integrated product catalog.

We welcome OEM / ODM, sourcing and export cooperation.



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