

AC CHARGING PILES

7 kW single-gun AC slow-charging station



APPLICATION SCENARIOS



Residential Community



Apartment Office Building



Hotel



Scenic Area Park



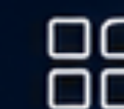
Novel appearance

Using galvanized steel plates and high-protective enamel coating process.



On the Safe Side

With an IP54 protection rating, it withstands various outdoor conditions and features multiple protective mechanisms against short circuits, overheating, voltage surges or drops, overload, and electrical leakage.



Highly Compatible

Compatible with 99% of vehicles on the market.



Intelligent and Convenient

It offers optional charging methods such as plug-and-charge, card payment, and QR code scanning, suitable for various scenarios including home and commercial use.

Power Model	A single unit with a power output of 7 kW
Way to install	Land
Functional design	Single-Version/Operational Version
Charging Station Configuration	Single gun: 5 meters
Human-computer interface	4.3-inch color display with LED scrolling lights
Network Connection Method	Ethernet, 4G
Starting mode	Plug and Play, Card Payment, Scan Code
Charging mode	Auto Charge, Fixed Time, Fixed Battery Level, Fixed Amount
Operation platform	Supports e-Charging, Cloud Quick Charge, Teldian, Star Charge, Didi Charging, and more.
Input voltage	AC220V $\pm$ 20%
Incoming frequency	45-65Hz
Output voltage	AC220V $\pm$ 20%
Output	Single Gun 0-32A
Power rating	7kW
Measuring accuracy	Level 2
Standby Power Consumption	$\leq$ 3W
Defensive function	Short circuit, overcurrent, leakage current, over/under voltage, grounding, emergency stop, etc.
Levels of protection	IP54
Running temperature	-20°C~+50°C
Operation Humidity	5%~95% RH, non-condensing
Above sea level	$\leq$ 2000 meters (Note: this applies specifically to high-altitude areas.)
Cooling-down method	-20°C~+50°C

DC CHARGING PILES

80 kW / 120 kW / 160 kW
dual-gun DC fast-charging station

High-performance DC fast charging for today's EVs and tomorrow's mobility. Built for reliability, efficiency, and seamless integration.



BUILT FOR EVERY ENVIRONMENT



HIGH-SPEED FAST CHARGING

Advanced constant-power module delivers up to 97% conversion efficiency with a wide output range of 200–1000 V, providing higher efficiency and greater power output.



SAFE AND RELIABLE

Comprehensive protection systems ensure safe operation, including over-current, over-voltage, short circuit, grounding, leakage, and emergency stop protection.



HIGH ADAPTABILITY

Adaptive output to meet different battery demand scenarios, ensuring optimal charging performance across a wide range of EV models.



COMPATIBLE WITH MULTIPLE PLATFORMS

Supports major charging platforms and protocols including e-Charging, Telitans, Star Charge, Didi Charging, Yunkuaicharging, and more via OCPP.

POWER MODEL	80 kW	120 kW	160 kW
Charging Station Configuration	Dual Gun – 5 m cables (customizable)		
Human-Computer Interface	8-inch color touchscreen with LED indicator lights		
Network Connection Method	Ethernet, 4G (optional)		
Starting Mode	Card swipe, QR code scan, VIN code, password		
Charging Mode	Auto Charge, Fixed Time, Fixed Battery Level, Fixed Amount		
Operation Platform	Supports e-Charging, Cloud Quick Charge, Telitans, Star Charge, Didi Charging, and more.		
Input Voltage	AC380V ±20%		
Input Frequency	45–65Hz		
Output Voltage Range	DC200–1000V		
Constant Power Voltage Range	DC300–1000V		
Maximum output current of a single unit	250A		
Power Rating	80 kW	120 kW	160 kW
Power Factor	>0.99 (above 50% load)		
Peak Efficiency	≥95%		
Measuring Accuracy	Level 2		
THD	≤5%		
Voltage Stabilization Accuracy	≤±0.5%		
Steady Flow Accuracy	≤±1%		
Current-limiting Protection	≥110%		
Insulation Resistance	≥20 MΩ		
Protection Functions	Emergency stop, lightning protection, short circuit, leakage current, grounding, over-current, over-voltage, low voltage, insulation testing, etc.		
Ingress Protection	IP54		
Operating Temperature	–20 °C to +50 °C		
Operating Humidity	No frost formation occurs at concentrations ranging from 5% to 95%.		
Altitude	≤2000 meters (Note: this applies specifically to high-altitude areas.)		
Cooling Method	Forced air cooling		
Noise	60–80 dB		

MAMMOTH HDC SERIES

HIGH-POWER DUAL-GUN DC FAST CHARGING STATION

Engineered for heavy-duty electric mobility. Delivering 240 kW to 600 kW of ultra-fast, efficient, and reliable DC charging.



**BUILT FOR THE HEAVY DUTY.
READY FOR THE FUTURE.**

BUILT FOR EVERY MISSION



Heavy-Duty Trucks



Mine Operations



Ports & Terminals



Electric Boat Berths



Electric Buses



HIGH-SPEED FAST CHARGING

Ultra-wide voltage range of 200–1000 V with up to 600 kW output for maximum efficiency and higher power delivery.



BUILT FOR HEAVY-DUTY APPLICATIONS

Designed for large commercial vehicles, buses, construction equipment, ports, and logistics fleets.



SAFE & RELIABLE PROTECTION

Advanced protection against overcurrent, overvoltage, overheat, short circuit, leakage current, and more.



INTELLIGENT & COMPATIBLE PLATFORM

Supports OCPP, Ethernet/4G connectivity, RFID, and intelligent management for seamless fleet integration.

POWER MODEL RANGE

240kW | 300kW | 360kW | 420kW | 480kW | 600kW

OUTPUT VOLTAGE RANGE	DC200 – 1000V
MAX OUTPUT CURRENT	250A / 300A / 400A (optional)
CONNECTOR	Dual CCS2 (or GB/T) – Dual-Gun Output
EFFICIENCY	≥ 96.5%
PROTECTION LEVEL	IP54
OPERATING TEMPERATURE	-20°C to +50°C
APPLICATIONS	Heavy-duty trucks, buses, port, mine, logistics, and more



HIGH EFFICIENCY
Lower energy loss,
higher performance.



LOWER TCO
Reliable, durable,
built to last.



GLOBAL READY
Compliant. Scalable.
Future-proof.

mammothenergyafrica.com

MAMMOTH ANT STATION

4-GUN FAST CHARGING SERIES

Flexible. Intelligent. Powerful.

High-performance DC fast charging for
fleets, highways, and anywhere power is needed.



**ONE STATION.
FOUR GUNS.
MAXIMUM
FLEXIBILITY.**



USE ALL AVAILABLE DISTRIBUTED POWER SOURCES

With a power range of 160–480kW, this solution perfectly aligns with the “Three-Zero and Three-Saving” principle, reduces the need for transformer installation, and allows direct connection to public grid transformers.



INTELLIGENT POWER ALLOCATION

The full-matrix power distribution unit flexibly employs various allocation strategies—including on-demand allocation, first-come-first-serve, and overall optimization—to enhance module utilization and significantly improve overall performance.



FOUR-GUN OUTPUT

Four guns can simultaneously charge four vehicles without interfering with each other.



HIGH-EFFICIENCY OUTPUT

Supports ultra-wide voltage output with simultaneous support for 3A and 6A gun outputs.



MOTHER-AND-CHILD DESIGN

The host integrates two charging ports, reducing the need for master/slave cables and lowering investment costs.

POWER MODEL RANGE

160kW | 200kW | 240kW | 320kW | 360kW | 400kW | 480kW

Charging Station Configuration	Mother-child gun system with four firearms, range of 5 meters
Human-computer Interaction	8-inch color touchscreen with LED indicator lights
Network Connection Method	Ethernet / 4G (optional)
Output Voltage Range	DC300–1000V
Peak Efficiency	≥95%
Protection Level	IP54
Operating Temperature	-20°C to +50°C
Applications	Rural parking lot, county city parking lot, provincial roads, heavy-load truck scenarios

BUILT FOR EVERY SCENARIO



Rural Parking Lot



County City Parking Lot



Provincial Roads



Heavy-Load Truck Scenarios



HIGH PERFORMANCE
Stable, efficient, and built
for heavy-duty operations.



SAFE & RELIABLE
Advanced protection for
your equipment and fleet.



FUTURE-READY
Modular, scalable, and
designed to grow with you.

MAMMOTH SPLIT-TYPE DC CHARGING STACK

MODULAR POWER. MAXIMUM FLEXIBILITY.

A high-power, split-type DC charging system designed for scalable deployment, superior efficiency, and future-ready performance.



LOW NOISE

Split-type design effectively reduces noise.



ENERGY-EFFICIENT

Intelligent and flexible allocation optimizes power utilization and improves charging efficiency.



FLEXIBLE EXPANSION

Modular design for easy maintenance and upgrades; add power modules to expand capacity as needed.



FLEXIBLY CONFIGURE ENDPOINTS

Supports custom configurations with 4 to 24 gun channels to meet diverse charging demands.

HOST CABINET POWER

480–1200kW | 1280–3200kW

Output Circuit	2–20 guns (customizable according to on-site requirements)
Human-computer Interaction	8-inch color touchscreen with LED indicator lights
Communication Method with the Terminal	CAN communication
Output Voltage Range	DC200–1000V
Constant Power Voltage Range	DC300–1000V
Power Factor	≥0.99 (50%–100% full-load output power)
Peak Efficiency	≥96.5% (full load output power range: 50%–100%)
Protection Level	IP54
Service Environment	Indoor/Outdoor
Operating Temperature	-20°C to +50°C
Storage Temperature	-40°C to +70°C

APPLICATIONS



City Parking Lot



Commercial Comprehensive Zone



High-Speed Service Area



Mining Port



Logistics Park



HIGH POWER
Up to 1200kW
per system



SAFE & RELIABLE
Multi-layer protection
for stable operation



INTELLIGENT
Smart monitoring and
remote management

MAMMOTH PORTABLE POWER STATION

POWER. ANYWHERE. ANYTIME.

Reliable portable power for work, adventure,
and emergency backup.

Engineered for performance, built for life.



CLEAN POWER.
QUIET OPERATION.
BUILT TO ENDURE.



POWER FOR EVERY SCENARIO



Outdoor Camping



Remote Work



Photo & Video Production



Emergency Backup



Outdoor Adventures



ACTIVE AIR COOLING

Advanced through-type active air cooling ensures efficient heat dissipation and stable performance.



COMPREHENSIVE MONITORING & PROTECTION

Intelligent BMS provides real-time monitoring with protection against overcharge, over-discharge, overload, short circuit, overcurrent, overheat, and more.



RICH HIGH & LOW VOLTAGE INTERFACES

Multiple AC, DC, USB, and car outlets to power a wide range of devices and appliances.



DURABLE & RELIABLE CONSTRUCTION

Robust metal housing with premium battery chemistry for long life, safety, and dependable performance.



BALANCED DESIGN & PERFORMANCE

Optimized for power, portability, and efficiency—delivering clean energy wherever you need it.

POWER MODEL RANGE

	300W	600W
RATED CAPACITY	40Ah (0.5kWh)	40Ah (0.5kWh)
RATED POWER	300W	600W
AC OUTPUT (MAX)	300W	600W
PEAK POWER	600W	1200W
BATTERY TYPE	LiFePO ₄	
CYCLE LIFE	3,500+ cycles to 80%	
CHARGING TIME	3–5 hours (AC)	
DIMENSIONS	240 × 135 × 190 mm	280 × 180 × 240 mm
WEIGHT	5.0 kg	8.2 kg
OPERATING TEMPERATURE	-20°C to +55°C	



PURE SINE WAVE
Safe for sensitive electronics.



LOW NOISE
Quiet operation under 50dB.



INTELLIGENT BMS
Smart, safe, and long-lasting.



TRAVEL FRIENDLY
Compliant for air travel.

MAMMOTH PORTABLE POWER STATION

POWER. ANYWHERE. ANYTIME.

Reliable portable power for work, adventure,
and emergency backup.

Engineered for performance, built for life.



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QUIET OPERATION.
BUILT TO ENDURE.



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BALANCED DESIGN & PERFORMANCE

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POWER MODEL RANGE

	300W	600W
RATED CAPACITY	40Ah (0.5kWh)	40Ah (0.5kWh)
RATED POWER	300W	600W
AC OUTPUT (MAX)	300W	600W
PEAK POWER	600W	1200W
BATTERY TYPE	LiFePO ₄	
CYCLE LIFE	3,500+ cycles to 80%	
CHARGING TIME	3–5 hours (AC)	
DIMENSIONS	240 × 135 × 190 mm	280 × 180 × 240 mm
WEIGHT	5.0 kg	8.2 kg
OPERATING TEMPERATURE	-20°C to +55°C	



PURE SINE WAVE
Safe for sensitive electronics.



LOW NOISE
Quiet operation under 50dB.



INTELLIGENT BMS
Smart, safe, and long-lasting.



TRAVEL FRIENDLY
Compliant for air travel.

MAMMOTH HOUSEHOLD ENERGY STORAGE

SMART ENERGY. RELIABLE POWER.
BUILT FOR MODERN HOMES.

Modular, safe, and intelligent energy storage solutions that empower your home with clean, reliable, and efficient power.



MODULAR & SCALABLE

Flexible capacity expansion to match your needs.



SAFE & RELIABLE

Multi-layer protection for total peace of mind.



CLEAN & EFFICIENT

Store solar energy and reduce reliance on the grid.



SMART ENERGY MANAGEMENT

Optimize usage and lower energy costs.



NEW-GRADE CELLS

The all-new first-tier brand A+ battery cells deliver higher safety, longer cycle life, and stable performance.



HIGH-PRECISION SOC ALGORITHM

Advanced algorithm ensures accurate state-of-charge estimation for optimal energy management.



COMPREHENSIVE MONITORING & PROTECTION

Real-time monitoring with multi-layer protection for maximum safety and system reliability.



APP WIRELESS & BLUETOOTH CONTROL

Monitor, control, and optimize your system anytime, anywhere via APP with Bluetooth connectivity.



BALANCED AESTHETICS, DURABILITY & PERFORMANCE

Elegant design, rugged build, and premium components deliver long-lasting value and superior performance.

HANDHELD DEVICE

1 kWh



WALL-MOUNTED UNIT

5 kWh



STACKED BATTERY

5 kWh



FLOOR-STANDING UNIT

16 kWh



SPECIFICATIONS

	HANDHELD DEVICE 1 kWh	WALL-MOUNTED UNIT 5 kWh	STACKED BATTERY 5 kWh	FLOOR-STANDING UNIT 16 kWh
RATED CAPACITY (0.5C/25°C)	1.00 kWh	5.12 kWh	5.12 kWh	16.07 kWh
RATED VOLTAGE	12.8 V	51.2 V	51.2 V	51.2 V
WORKING VOLTAGE	10-14.6 V	40-58.4 V	40-58.4 V	40-58.4 V
CYCLE LIFE	≥ 6,000 cycles @ 80% DoD	≥ 6,000 cycles @ 80% DoD	≥ 6,000 cycles @ 80% DoD	≥ 6,000 cycles @ 80% DoD
COMMUNICATION	Bluetooth / APP	CAN / RS485 / Bluetooth / APP	CAN / RS485 / Bluetooth / APP	CAN / RS485 / Bluetooth / APP
PROTECTION LEVEL	IP20	IP54	IP54	IP54
OPERATING TEMPERATURE	0°C ~ 55°C (Charge) -20°C ~ 55°C (Discharge)	0°C ~ 55°C (Charge) -20°C ~ 55°C (Discharge)	0°C ~ 55°C (Charge) -20°C ~ 55°C (Discharge)	0°C ~ 55°C (Charge) -20°C ~ 55°C (Discharge)
INSTALLATION	Portable	Wall-mounted	Stacked	Floor-standing

MAMMOTH AIR-COOLED ENERGY STORAGE CABINET

SMART. RELIABLE. BUILT FOR EVERY SCENARIO.

High-performance, air-cooled energy storage solutions delivering safe, flexible, and efficient power for the future.



AVAILABLE CAPACITIES

64 kWh | **128 kWh**



COMMERCIAL &
INDUSTRIAL



RENEWABLE
ENERGY



MICROGRID &
ENERGY HUB



EV CHARGING
STATIONS



RESIDENTIAL
BACKUP



RICH INTERFACES & FULL-SCENARIO ADAPTABILITY

Multiple communication interfaces for seamless integration and broad compatibility across diverse applications.



MODULAR DESIGN, FLEXIBLE DEPLOYMENT

Modular architecture supports easy expansion, rapid installation, and flexible deployment to fit any project scale.



BUILT FOR INDOOR & OUTDOOR USE

Engineered for harsh environments with high protection rating, ensuring stable performance indoors or outdoors.



MULTI-LAYER INTELLIGENT FIRE PROTECTION

Comprehensive fire detection and suppression system for multi-layer safety and reliable protection.



COMPATIBLE WITH MAINSTREAM INVERTERS

Fully compatible with leading inverter brands via standard protocols for seamless system integration.

KEY SPECIFICATIONS

64 kWh

128 kWh

BATTERY TYPE	Lithium Iron Phosphate (LFP)	
BATTERY CAPACITY	64 kWh	128 kWh
RATED VOLTAGE	204.8 V	409.6 V
WORKING VOLTAGE RANGE	180 – 230 V	360 – 460 V
MAX. CHARGE / DISCHARGE CURRENT	150 A / 150 A	
CYCLE LIFE	≥ 6,000 Cycles @ 80% DOD	
PROTECTION RATING	IP54	
WORKING TEMPERATURE	-20°C to +55°C (Charge) / -20°C to +55°C (Discharge)	
DIMENSIONS (W × D × H)	600 × 1214 × 1730 mm	1200 × 1214 × 1730 mm
INSTALLATION	Floor-standing	
COOLING	Intelligent Air Cooling	
COMMUNICATION INTERFACES	RS485 / CAN	
COMPATIBILITY	Compatible with mainstream inverters & EMS	



SAFE &
RELIABLE

Multi-layer protection for total peace of mind.



SMART
MANAGEMENT

Real-time monitoring and intelligent control.



EFFICIENT &
DURABLE

Long life, high efficiency, lower total cost of ownership.



EASY INSTALLATION
& MAINTENANCE

Modular design for quick deployment and service.



BUILT TO
PERFORM

Engineered for stability, built to last.

MAMMOTH LIQUID-COOLED ENERGY STORAGE CABINET

SMART ENERGY. RELIABLE POWER.
BUILT FOR MODERN SYSTEMS.

High-performance liquid-cooled energy storage cabinets delivering superior safety, efficiency, and long cycle life for commercial and industrial applications.

 **261 kWh**
ENERGY CAPACITY

 **522 kWh**
ENERGY CAPACITY

 **SAFE & RELIABLE**
Multi-layer protection for total peace of mind.

 **LIQUID-COOLED**
Integrated thermal management for consistent performance.

 **LONG CYCLE LIFE**
Full charge ≥6000 cycles for lower lifetime cost.

 **SMART MANAGEMENT**
Integrated BMS & EMS for intelligent operation.

BUILT FOR EVERY ENERGY SCENARIO



MICROGRIDS



SOLAR + STORAGE



PEAK SHAVING



BACKUP POWER



ENERGY SHIFTING



SOLAR-STORAGE-CHARGING



INTEGRATED LIQUID COOLING THERMAL MANAGEMENT

Advanced liquid cooling system maintains optimal temperature, ensuring high efficiency and long service life.



INTEGRATED BMS AND EMS LINKAGE

Seamless integration of Battery Management System (BMS) and Energy Management System (EMS) for smart coordination.



COMPREHENSIVE DETECTION & PROTECTION

Multi-layer detection and protection for cells, electrical, and environmental safety.



LOCAL & REMOTE MONITORING

Real-time monitoring via local HMI and remote platform with data logging and alerts.



FLEXIBLE APPLICATIONS

Ideal for microgrids, solar-storage-charging, peak shaving, backup power, and energy shifting.



BUILT TO PERFORM

Robust design, high protection grade, and reliable operation in demanding environments.

KEY SPECIFICATIONS

MODEL	MEC-261	MEC-522
Energy Capacity	261 kWh	522 kWh
Battery Chemistry	Lithium Iron Phosphate (LiFePO ₄)	
Battery Pack Configuration	1P260S	1P525S
Rated Voltage	832 V	832 V
Working Voltage Range	728 ~ 936 V	728 ~ 936 V
Maximum Charge / Discharge Current	157 A / 157 A	157 A / 157 A
Cycle Life	≥ 6000 Cycles (80% DOD)	≥ 6000 Cycles (80% DOD)
Protection Level	IP54	
Cooling Method	Liquid Cooling	
Operating Temperature	-20°C ~ 55°C (Charge) / -20°C ~ 55°C (Discharge)	
Communication Interface	Ethernet / 4G (Optional) / CAN	
Dimensions (W×D×H)	1450 × 1430 × 2000 mm	1450 × 1430 × 2000 mm
Weight	≈ 3500 kg	≈ 4000 kg

MAMMOTH PV-ESS-CHARGER INTEGRATED MACHINE

Integrated Energy Storage, Power Generation, Charging System

TWO POWERFUL CONFIGURATIONS

⚡ **261 kWh + 120 kW**

⚡ **522 kWh + 240 kW**



CLEAN & RENEWABLE
Integrates PV generation,
energy storage and
EV charging



ALL-IN-ONE DESIGN
Compact footprint,
fast installation,
lower total cost



SAFE & RELIABLE
Multi-layer protection,
intelligent BMS,
long service life



SMART MANAGEMENT
Real-time monitoring,
remote operation,
data analytics



SUSTAINABLE FUTURE
Supports clean energy
infrastructure and
low-carbon mobility

BUILT FOR A CLEAN ENERGY FUTURE



PUBLIC CHARGING STATIONS



GAS STATIONS



FLEET OPERATIONS



HIGHWAY SERVICE AREAS



CORPORATE & INDUSTRIAL SITES



FLEXIBLE OPERATION: GRID-CONNECTED OR OFF-GRID

Seamless switching between grid-connected and off-grid modes ensures reliable power anytime, anywhere.



HIGH-PERFORMANCE INTEGRATED SYSTEM

PV generation, energy storage and EV charging all in one. High efficiency, stable output and lower operating costs.



COMPACT INTEGRATED DESIGN

One cabinet replaces multiple systems. Saves space and significantly reduces installation costs.



FLEXIBLE CHARGING OPTIONS

Supports Single/Dual charging guns. Compatible with CCS1, CCS2, GB/T, NACS and more.



INTELLIGENT REMOTE MANAGEMENT

Real-time monitoring, intelligent control and remote maintenance for efficient and easy operation.



BUILT FOR SAFETY

Multi-layer electrical and battery protection, IP54 enclosure, ensuring system safety and long-term reliability.

SYSTEM SPECIFICATIONS

ITEM	261 kWh + 120 kW	522 kWh + 240 kW
Battery Type	Lithium iron phosphate (LFP)	
Rated Energy	261 kWh	522 kWh
Rated Voltage	832 V	832 V
Working Voltage Range	728 - 936 V	728 - 936 V
Charging/Discharging Power	120 kW / 0.5C	240 kW / 0.5C
Cycle Life	≥ 6,000 cycles	≥ 6,000 cycles
Cooling Method	Liquid Cooling	Liquid Cooling
Fire Extinguishing System	Aerosol	Aerosol
Enclosure Protection	IP54	IP54
Operating Temperature	-20°C to +55°C (Charging)	-20°C to +50°C (Discharging)
Dimensions (W*D*H)	1430*1750*1672 mm (Per Cabinet)	
Communication	RS485, CAN, LAN	
Installation	Floor-mounted	

PCS & CHARGING

PCS Rated Power	120 kW	240 kW
AC Grid Connection	3W+PE / 400 Vac (±15%)	
Max. Output Current	200 A	400 A
Charging Guns	Single/Dual (Optional)	
Charging Standards	CCS1 / CCS2 / GB/T / NACS (Optional)	

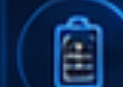
POWERING WHAT MOVES THE WORLD

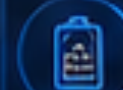
Mobile Charging & Power Supply Equipment

FLEXIBLE POWER. ANYWHERE YOU NEED IT.

Compact, intelligent, and mobile energy solutions designed to deliver reliable DC power for EV charging and critical power applications.

 73kWh + 30kW

 110kWh + 60kW

 168kWh + 80kW



SAFE & RELIABLE
Advanced protection
for safe, worry-free
operation



HIGH PERFORMANCE
High energy density
and efficient power
delivery



FLEXIBLE & MOBILE
Compact, integrated
design with wheels
for easy deployment



UNIVERSAL COMPATIBILITY
Supports CCS2 and
GB/T connectors with
broad EV compatibility



INTELLIGENT CONTROL
Smart BMS, remote
monitoring and OTA
capability



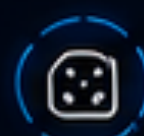
EMERGENCY & ON-SITE CHARGING
Ideal for emergency rescue, on-site charging,
and in-park charging services.



HIGH COMPATIBILITY
Compatible with over 99% of new energy
vehicles; supports CCS2 and GB/T models.



FLEXIBLE & INTEGRATED DESIGN
Compact, integrated architecture saves space
and installation cost.



STANDARD INDUSTRIAL INTERFACE
Equipped with standard industrial sockets,
supporting AC/DC power supply and charging.

TECHNICAL SPECIFICATIONS

Model (Battery Capacity / Power Output)	73kWh / 30kW	110kWh / 60kW	168kWh / 80kW
Battery Type	Lithium Iron Phosphate (LFP)		
Rated Voltage	537V (168S)		
Cell Voltage	3.2V		
Cell Rated Capacity	205Ah		
Usable Energy	≥6,000 cycles at 80% health status		
AC Charging Method	380Vac, Max. Power: 60kW		
Battery Direct Current Recharge Method	Standard DC Charging, Max. Power Input: 70kW		
Display Screen	7-inch color touchscreen		
Charging Mode	Single Machine / Network		
Charging Station Standards	CCS2 / GB/T - Single Gun - 5 meters (customizable)		
Charging Output Power	30kW	60kW	80kW
Charging Output Voltage	200-1000V		
Charging Output Current	0-200A	0-200A	0-200A
IP Rating	IP54		
Operating Temperature	Charging: 0-55°C; Discharging: -20-55°C		
Operating Humidity	≤90% (No Condensation)		
Cooling Method	Forced Air Cooling		
Dimensions (L × W × H, mm)	1440 (including AC unit) × 906 × 1100		
Weight (kg)	1200		

CHASSIS & MOBILITY

Dimensions (L × W × H, mm)	1700 × 910 × 1465
Wheelbase (mm)	1050 / 810
Tire	Solid Tires (4.00-8), Diameter 400 mm, Width 100 mm
Max. Chassis Load (kg)	1200
Max. Climbing Gradient (Full Load)	≥20%
Full-Load Parking Gradient	≥20%
Min. Ground Clearance (mm)	85
Water Depth Requirement (mm)	100
Max. Speed (Full Load)	5 km/h

**BUILT FOR TODAY.
READY FOR TOMORROW.**



**ULTRA-FAST
DC CHARGING**



**MULTI-LAYER
SAFETY PROTECTION**



**SMART BMS
& CONNECTIVITY**



**RUGGED &
RELIABLE DESIGN**