SMART POWER TO THE FUTURE

More Power In Less Space Safety - Performance - Sustainability -Less Weight

SAFEST BATTERY DESIGN

COMPREHENSIVE MODELS





CAR CRANKING



GOLF CARTS



FORKLIFT



SOLAR POWER STORAGE



E-MOBILITY



SCRAPPER



RV



MARINE











HYDROCELL LIFEPO4 BATTERIES













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Hydrocell Battery-Reinvent How The World Powers!

With a vision to become a global Supplier in sustainable cleaning innovation that empowers our customers to create a cleaner, safer and healthier world, Hydrocell creates solutions that are changing the way the world powers.

Hydrocell battery is located in Xiamen, Fujian Province, China. With years of industry experiences, With advanced innovation, R&D, production capabilities and in-depth research and application of battery BMS, PACK technology, energy storage technology. Hydrocell battery has the best product lines in Lithium battery industry.



We are where you are

Hydrocell Battery has the industry's best direct sales and service organization and a well-supported network of authorized distributors worldwide.



Solutions for your unique needs

Whatever your cleaning needs, Hydrocell battery offers a variety of high quality battery to help you increase your cleaning productivity.



Buying With Comprehensive Models
We offer flexible options to get you the Batteries you need



HYDROCELL BATTERY CARE Optimize battery performance and protect your investment with Hydrocell Care parts and service.



























Ultimate Reliability And Maximum Performance, Hassle-Free, Less Charging Time.

Charge it once and use it a lot, ensure your equipment is ready to go all day. Create a true zero-maintenance power source: no battery watering, no fuel-tank replacement and storage, and no engine maintenance.









SMART ENERGY STORAGETECHNOLOGIES Safety Guaranteed & Longer Life



100% USABLE ENERGY Up to 100%

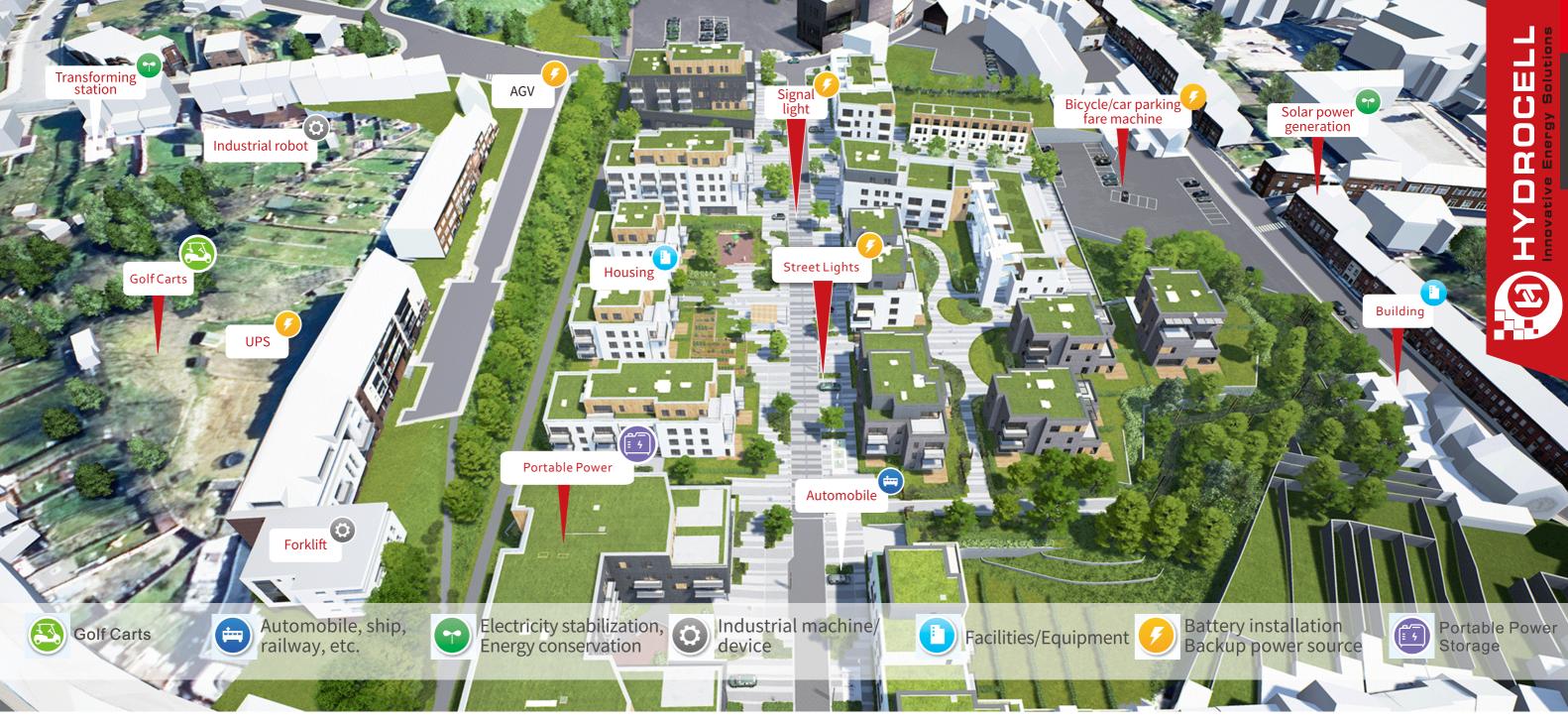






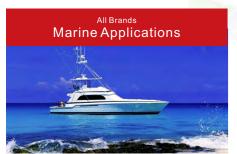








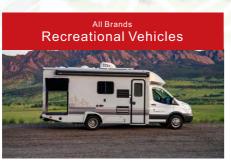
Lithium Battery For All brands' golf cart models, 36V/ 48V/72V with comprehensive capacities .



Lithium Battery For Marine Applications with comprehensive voltages and capacities



Lithium Battery For All brands' Electric Forklift models Lithium Battery For All brands' Electric Scissor lift with comprehensive capacities.



Lithium Battery For RV Applications with comprehensive voltages and capacities .



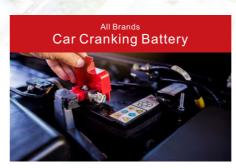
models with comprehensive capacities.



Lithium Battery For All brands' Electric AGV models with comprehensive capacities.



Portable Battery with comprehensive capacities for comprehensive applications .



Lithium Cranking Battery For All brands' Automobile models with comprehensive capacities .



Power Storage system for Household, Industrial, **Commercial Applications**



Supplies lithium battery packs to all brands golf carts ,utility vehicles ,Mower ,UTV ,ATV.......



Lithium Battery For All brands' Electric golf Trolley models with comprehensive capacities.



Comprehensive storage systems for different applications scenarios.



"Having a durable and reliable power source is what makes the difference between getting to your destination safely or finding yourself stuck somewhere, hdydrocells batteries are superior products that surpass industry standards and far exceed customer and client expectations. They're also designed with an explosion proof, tested with Rigorous criterion....."

HYDROCELL GENERAL MANAGER



PRODUCTION SERVICES

For years, companies around the world have depended on HYDROCELL BATTERY to help ensure the quality and safety of their products, processes and systems. We deliver Total Quality Assurance expertise 24 hours a day, 7 days a week with our industry-winning processes and customer-centric culture. Whether your business is local or global, we can help to ensure that your products meet quality, health, environmental, safety, and social accountability standards for virtually any market around the world. We hold extensive global accreditations, recognitions, and agreements, and our knowledge of and expertise in overcoming regulatory, market, and supply chain hurdles is unrivalled.

We go beyond testing, inspecting and certifying products; we are a Total Quality Assurance provider to industries worldwide. Through our global network of state-of-the-art facilities and industry-leading technical expertise we provide innovative and bespoke Assurance, Testing, Inspection and Certification services to customers. We provide a systemic approach to supporting our customers' Quality Assurance efforts in each of the areas of their operations including R&D, raw materials sourcing, components suppliers, manufacturing, transportation, distribution and retail channels, and consumer management.

Here Are Partial Overview Of Our Production Services



FULLY AUTOMATED PRODUCTIONS

- Automatic Welding
- Automatic Assembly Line
- Automatic Grading System
- Automatic Material Handling Sytem



WORLD-CLASS TESTING FACILITY

- Advanced Grading Test
- Advanced Resistance Test
- Advanced Aging Test
- Advanced Quality Control



WORLD-CLASS SAFETY PROTECTION

- Safely Handled
- Safely Disposed
- Safely Assembled
- Safely Charged
- Safely Stored



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RESILIENT PRODUCTION CAPACITY

- Comprehensive Products
- Accepting Customization
- Short Lead Time
- High Production Resilience

AUTOMOTIVE CRANKING BATTERY

Automotive Cranking(Starting) Battery



	Model	HC-V1225	HC-VC1225	HC-V2420	HC-V24140	HC-V24200
	Dimension(MM)	199*129*204	240*175*198	240*175*198	505*225*245	554*271*245
General Parameter	Weight(KGS)	3.5	3.9	4.6	24.3	37
1 drameter	Casing Material	Plastic	Plastic	Plastic	Plastic	Plastic
	Nominal Voltage	12.8V	12.8V	12.8V	25.6V	25.6V
	Nominal Capacity	25AH	25AH	20AH	140AH	200AH
Techinical	Stored Energy	320WH	320WH	256WH	3.58KWH	5.12KWH
Param eter	Max Pulse Discharge Current	>10C	>10C	>10C	>10C	>10C
	Life cycles	>2500 times				
	Self-discharging rate	<5% per month				
Environment	Discharge Temperature	-20 ℃-60 ℃	-20 ℃-60 ℃	-20 ℃-60 ℃	-20 ℃-60 ℃	-20 ℃-60 ℃
Param eters Param eters	Storage Temperature	-10 ℃-35 ℃	-10 ℃-35 ℃	-10 ℃-35 ℃	-10 ℃-35 ℃	-10 ℃-35 ℃

GOLF CART BATTERY

Fast charge time

Charge Temperature

Discharge Temperature

Storage Temperature

1-2hr

0 ℃-45 ℃

-20 ℃-60 ℃

-10 ℃-35 ℃

2-3hr

0 ℃-45 ℃

-20 ℃-60 ℃

-10 ℃-35 ℃

1-2hr

0 ℃-45 ℃

-20 ℃-60 ℃

-10 ℃-35 ℃

36V / 48V / 72V Golf Cart Batteries



3-4hr

0 ℃-45 ℃

-20 ℃-60 ℃

-10 ℃-35 ℃

2-3hr

0 ℃-45 ℃

-20 ℃-60 ℃

-10 ℃-35 ℃

3-4hr

0 ℃-45 ℃

-20 ℃-60 ℃

-10 ℃-35 ℃

2-3hr

0 ℃-45 ℃

-20 ℃-60 ℃

-10 ℃-35 ℃



LIFEPO4 Forklift Batteries



	Model	HC-F24200	HC-F36450	HC-F36600	HC-F48330	HC-F48450	HC-F80450
	Dimension(MM)	624*173*525	950*450*580	960×500×780	980*680*480	980*600*780	1005*863*735
General Parameter	Weight(KGS)	63	300	320	310	420	550
	Casing Material	Steel+Powder coated					
	Nominal Voltage	24V	36V	36V	48V	48V	80V
	Nominal Capacity	200AH	450AH	600AH	330AH	450AH	450AH
	Stored Energy	4.8KWH	16.2KWH	21.6KWH	15.84KWH	21.6KWH	36KWH
Techinical	Continous Discharge Current	200A	450A	600A	330A	500A	450A
	Max Pulse Discharge Current	3C(30S)	3C(30S)	3C(30S)	3C(30S)	3C(30S)	3C(30S)
	Life cycles	>3500 times					
	Self-discharging rate	<5% per month					
Charger	Continuous Charge	50-100A	100-200A	100-200A	100-200A	100-200A	100-200A
Param eters Param eters	Standard charge time	2-3hr	2-3hr	2-3hr	1-2hr	2-3hr	2-3hr
	Charge Temperature	0 ℃-55 ℃	0 ℃-55 ℃	0 ℃-55 ℃	0 ℃-55 ℃	0 ℃-55 ℃	0 ℃-55 ℃
Environment Parameters	Discharge Temperature	-20 ℃-60 ℃	-20 ℃-60 ℃	-20 ℃-60 ℃	-20 ℃-60 ℃	-20 ℃-60 ℃	-20 ℃-60 ℃
	Storage Temperature	0 ℃-35 ℃	0 ℃-35 ℃	0 ℃-35 ℃	0 ℃-35 ℃	0 ℃-35 ℃	0 ℃-35 ℃

HYDROCELL Innovative Energy Solutions

LIFEPO4 12.8V Multi-funtional Batteries



	Model	HC-R124	HC-R127	HC-R1212	HC-R1218	HC-R1224	HC-R1236	HC-R1250	HC-R1280	HC-R12100	HC-R12150	HC-R12200	HC-R12250	HC-R12280
General Parameter	Dimension(MM)	101*90*70	94*151*65	94*151*98	145*120*75	145*145*90	212*145*90	330*171*220	260*168*209	330*171*220	520*268* 228	522*238*218	522*238*218	301*175.5*340.
	Weight(KGS)	0.8kg	1.06kg	1.2kg	1.4kg	2.1kg	3.2kg	6.5	9	10	18.5	19.5	24	25
i di dili etel	Casing Material	Plastic												
	Nominal Voltage	12.8V	12.8V	12.8V	12V									
	Nominal Capacity	=3.8Ah	=6.65Ah	=11.4Ah	18AH	24AH	36AH	50AH	80AH	100AH	150AH	200AH	250AH	300AH
	Stored Energy	52.2Wh	89.6Wh	153.6Wh	230.4Wh	302Wh	460.8Wh	0.64KWh	0.64KWh	1.28KWH	1.8KWh	2.56KWh	3.2KWh	3.6KWh
Techinical Parameter	Continous Discharge Current	0.5C												
r drameter	Max Pulse Discharge Current	1C	3C(30S)	3C(30S)	3C(30S)	3C(30S)	3C(30S)	3C(30S)						
	Life cycles	=2500times	>3500 times											
	Self-discharging rate	<5% per month												
Charger	Standard charge time	3-4hr	3-4hr	3-4hr	3-4hr	4-5hr	4-5hr	3-4hr	3-4hr	4-5hr	4-5hr	4-5hr	4-5hr	4-5hr
Param eters Param eters	Fast charge time	1-2hr	1-2hr	1-2hr	1-2hr	2-3hr	2-3hr	1-2hr	2-3hr	2-3hr	2-3hr	2-3hr	2-3hr	2-3hr
	Charge Temperature	0 ℃-45 ℃	0 ℃-45 ℃	0 ℃-45 ℃	0 ℃-45 ℃	0 ℃-45 ℃	0 ℃-45 ℃	0 ℃-45 ℃	0 ℃-45 ℃	0 ℃-45 ℃	0 ℃-45 ℃	0 ℃-45 ℃	0 ℃-45 ℃	0 ℃-45 ℃
Environment Parameters	Discharge Temperature	-10 ℃-50 ℃	-10 ℃-50 ℃	-10 ℃-50 ℃	-20℃to 45℃									
r ai airi eteis	Storage Temperature	0 ℃-45 ℃	0 ℃-45 ℃	0 ℃-45 ℃	0 ℃-45 ℃	0 ℃-45 ℃	0 ℃-45 ℃	0 ℃-45 ℃	0 ℃-45 ℃	0 ℃-45 ℃	0 ℃-45 ℃	0 ℃-45 ℃	0 ℃-45 ℃	0 ℃-45 ℃

HOUSE & INDUSTRIAL ESS SYSTEM

LIFEPO4 ESS SYSTEM





SCISSOR LIFT BATTERY

LIFEPO4 Scissor Lift Battery

3C(30S)

>3500 times

<5% per month

3-4hr

0 ℃-45 ℃

-20 ℃-60 ℃

-10 ℃-35 ℃

Discharge Current Life cycles

Self-discharging

Standard charge

3C(30S)

>3500 times

<5% per month

-20 ℃-60 ℃

-10 ℃-35 ℃

3C(30S)

>3500 times

<5% per month

0 ℃-45 ℃

-20 ℃-60 ℃

-10 ℃-35 ℃



3C(30S)

>3500 times

<5% per month

3-4hr

0 ℃-45 ℃

-20 ℃-60 ℃

-10 ℃-35 ℃



PORTABLE POWER STORAGE

LIFEPO4 Portable Power Storage Batteries



HC-500	HC-1000	HC-1500	HC-2000	HC-A-250	HC-A-500	HC-A-500	
1) Output power: The rated 500W Peak 1000W 2) Output voltage: AC100-110V/220-240V 50Hz/60Hz Pure Sine Wave *USB: 5V/2A,9V/2A,12V/1.5A 2 USB Share 18W 1*TYPE C: PD100W 3) Input: DC 12-30V 200W (MAX)MPPT 4) Battery Capacity: 512Wh 5) Built-in Battery Type: LiFePO4 Battery 6) Working temperature: 0°C-40°C. 7) Size: 250*190*190mm Handle size: H47mm, L160MM 8) Net Weight: 8.5KG 9) More than 2000 cycle times 10) Color: Space grey 11) Metal case	1) Output power: The rated 1000W Peak 2000W 2) Output voltage: AC100-110V/220-240V 50Hz/60Hz Pure Sine Wave 4*USB: 5V/2A,9V/2A,12V/1.5A 2 USB Share 18W 1*TYPE C: PD100W 3) Input: DC 12-30V 200W (MAX) MPPT 4) Battery Capacity: 1036.8Wh 5) Built-in Battery Type: LiFePO4 Battery 6) Working temperature: 0° -40° C. 7) Size: 385*190*190m m Handle size: H47mm,L160MM 8) Net Weight: 14.75KG 9) More than 2000 cycle times 10) Color: Space grey 11) Metal case	2) Output voltage: AC100-110V/220-240V 50Hz/60Hz Pure Sine Wave	1) Output power: The rated 2000W Peak 4000W 2) Output voltage: AC100-110V/220-240V 50Hz/60Hz Pure Sine Wave 4*USB: 5V/2A, 9V/2A, 12V/1.5A 2 USB Share 18W 1*TYPE C: PD100W 3) Input: DC 12-30V 200W (MAX) MPPT 4) Battery Capacity: 1958.4Wh 5) Built-in Battery Type: LiFePO4 Battery 6) Working temperature: 0°C-40°C. 7) Size: 580°190°190mm Handle size: H47mm, L160MM 8) Net Weight: 24.8KG 9) More than 2000 cycle times 10) Color: Space grey 11) Metal case	1) Output power: The rated 250W; Peak 500W 2) Output voltage: AC110V/220V 50Hz/60Hz,	1) Output power: The rated 500W Peak 1000W 2) Output voltage: AC110V/220V 50Hz/60Hz Pure Sine Wave DC12V*1: 12V/5A DC12V Cigarette Port: 12V/10A USB A*2: 5V 2.4A, 9V/2A, 12V/1.5A; USB A*2: 5V/2.4A, 9V/2A, 12V/1.5A Type C port: 5V/2.4A, 9V/2A, 12V/1.5A 3) Input: DC 9-24V/5A 120W max 4) Battery Capacity: 12.8V 40AH 512WH 5) Built-in Battery Type: LiFePO4 Battery 6) Working temperature: 0°C-40°C. 7) Size: 234*165*173mm Handle size: H46mm, L136MM 8) Net Weight: 7.8KG 9) More than 2000 cycle times 10) Touch screen 11) Metal case	1) Output power: The rated 1000W; Peak 2000W 2) Output voltage: AC110V/220V 50Hz/60Hz Pure Sine Wave DC12V*1: 12V/5A DC12V Cigarette Port: 12V/10A USB A*2: 5V/2.4A, 9V/2A, 12V/1.5A; USB A*2: 5V/2.4A, 9V/2A, 12V/1.5A Type C port: 5V/2.4A, 9V/2A, 12V/1.5A 3) Input: DC 9-24V/5A 120W max 4) Battery Capacity: 12.8V 78Ah 998.4Wh 5) Built-in Battery Type: LiFePO4 Battery 6) Working temperature: 0° -40° C. 7) Size: 386*165*173mm Handle size: H46mm,L136MM 8) Net Weight: 13KG 9) More than 2000 cycle times 10) Touch screen 11) Metal case	
3. Sm art L 4. Triple heat dissipation, luxury air-	ionable family series (300/500/1000/1 2. MPPT controller built-in, sup CD screen to show the loading powe craft grade aluminum casing, separa nous American IC brand - TI, for sma 6. UL certified LifePO4 battery	per-efficient in solar charging. r & working time clearly and display ate design for battery and inverter ins art control of battery management sy	1. Fashionable family series(250/500/1000W) to meet different requirements. 2. Compact design and portability. 3. Touch screen for AC DC power operation. 4. MPPT controller built in, super efficient in solar charging. 5. Triple heat dissipation, luxury air-craft grade aluminum casing, separate design for battery and inverter inside, high-speed & quite cooling fan. 6. Famous American IC brand - TI, for smart control of battery management system. 7. UL certified LifePO4 battery for deep cycle life and safety.				



For detailed information of this product, please visit our Website.

