

ENOV NEW ENERGY

COMPANY PROFILE

FOR BETTER DEVELOPMENT, PLEASE COOPERATE WITH US

INNOVATIVE, EFFICIENT, MUTUALLY BENEFICIAL AND SUSTAINABLE

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COMPANY INTRODUCTION



Enov (Huizhou) New energy Technology Co., LTD

Enov (Huizhou) New Energy Technology Co., Ltd. is a high-tech enterprise specializing in the research and development, production and service of lithium battery new energy technology. Its headquarters is located in Huizhou, Guangdong Province, a core city in the Guangdong-Hong Kong-Macao Greater Bay Area. The company's business covers the manufacturing and sales of lithium-ion batteries, Provide a one-stop solution for energy storage systems including home energy storage, portable energy storage, and outdoor emergency power supply , and has established a full industrial chain layout covering R&D, production, engineering services and operation. With the core development concept of "innovation, efficiency, mutual benefit and sustainability", the company is committed to providing clean energy solutions for global customers and contributing to the realization of the carbon neutrality goal.

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COMPANY INTRODUCTION

Enov (Huizhou) New energy Technology Co., LTD



PRODUCTION WORKSHOP



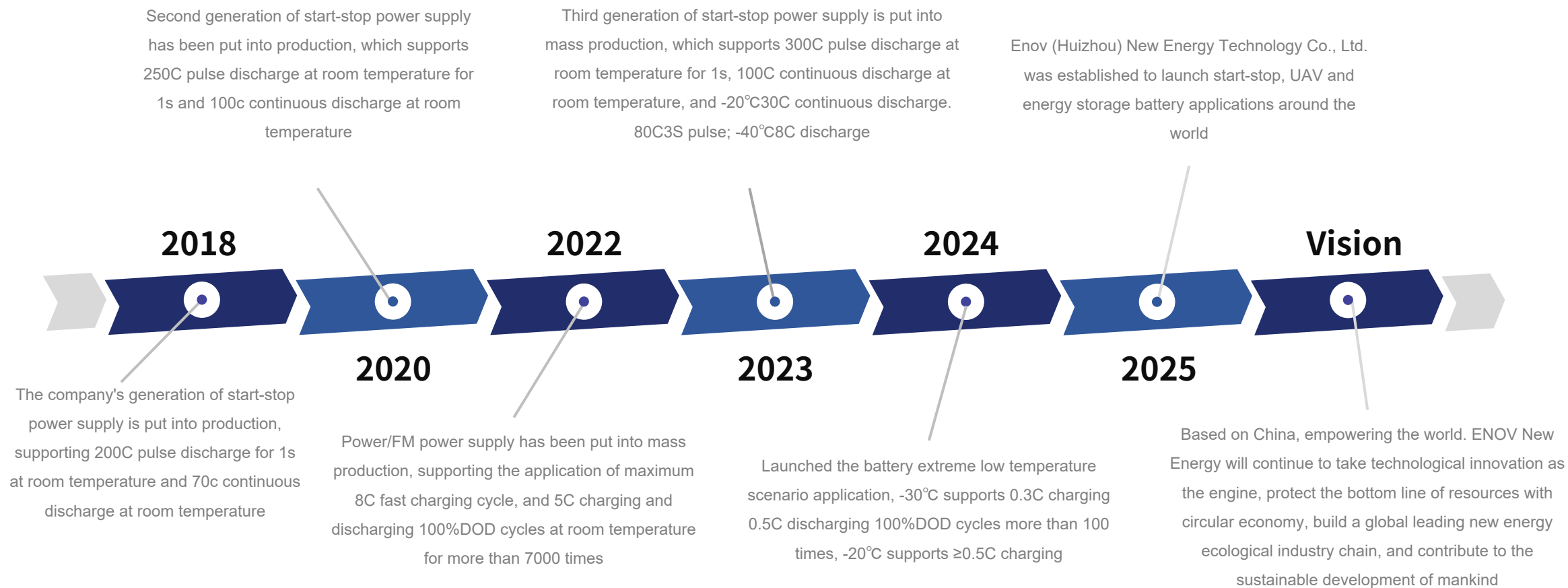
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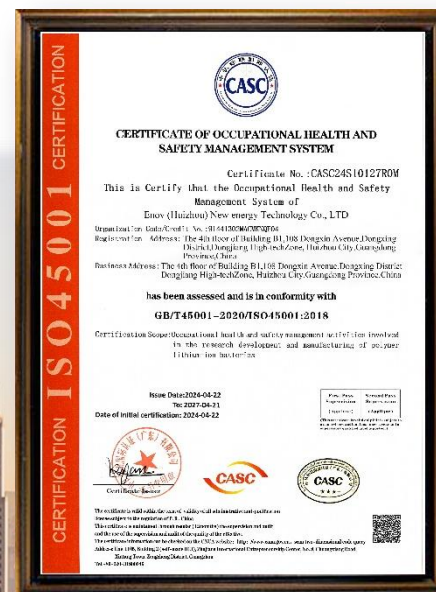
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DEVELOPMENT COURSE



QUALIFICATION AND HONOR



Batteries have been rigorously tested to meet international safety standards such as CE, KC, IEC, ROHS.MSDS and UN38.3.

PRODUCT CATALOGUE



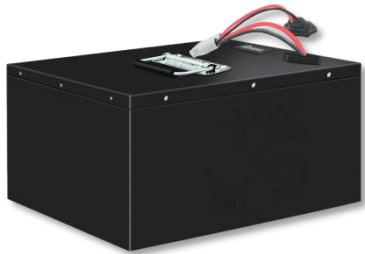
Start-Stop Battery

- Motorcycle starts lithium battery
- Car start-stop lithium battery
- Suitable for a variety of motorcycles, cars, RV, heavy cargo trucks and so on



Uav Battery

- Industrial Drone Battery
- FPV Battery
- Intelligent battery series



Low Speed Vehicle Battery

- Rickshaws
- Tricycles
- electric scooter
- mobility scooter, etc



Lithium Energy Storage System

- Portable Energy Storage Batteries
- Household Energy Storage

Note: All the above products support **OEM** and **ODM**.

MOTORCYCLE STARTER LITHIUM BATTERY



STANDARD SERIES

- Ultra-high rate 100C discharge performance;
- Wide temperature range adaptive system (-30°C to 65°C)
- Intelligent Battery Management System (BMS)
- Long-term circulation and low self-consumption characteristics
- Light weight structure design
- Multi-scenario adaptation



UPGRADE SERIES

- Both ST series functions
- Intelligent backup power, travel worry-free
- Power display screen
- Low temperature heating technology



INTELLIGENT SERIES

- Both ST and UP series functions
- The mode is switched to sleep periodically
- Expandable Bluetooth connection, app function
- SOC,SOH management view
- Log function, use history can be checked
- APP remote operation, remote upgrade

STANDARD SERIES



- Ultra-high rate 100C discharge performance;
- Wide temperature range adaptive system (-30°C to 65°C)
- Intelligent Battery Management System (BMS)
- Long-term circulation and low self-consumption characteristics
- Light weight structure design
- Multi-scenario adaptation

Model	Voltage (V)	Capacity(Ah)	Size (L*W*H) ±2mm	Reference Weight (kg)	CCA(Amps)
EN12-M3200A	12.8	3.0	113*70*82	0.6	200
EN12-M3200B	12.8	3.0	113*70*105	0.6	200
EN12-M4300A	12.8	4.0	120*60*125	0.9	300
EN12-M4300B	12.8	4.0	138*65*101	0.9	300
EN12-M5300A	12.8	5.0	113*69*130	0.9	300
EN12-M5300B	12.8	5.0	150*87*93	0.9	300
EN12-M5400A	12.8	5.0	150*65*93	1.1	400
EN12-M5400B	12.8	5.0	151*87*105	1.1	400
EN12-M5400C	12.8	5.0	137*77*123	1.0	400
EN12-M5400D	12.8	5.0	137*77*134	1.0	400
EN12-M6450	12.8	6.0	134*88*165	1.1	450
EN12-M6500	12.8	6.0	150*86*166	1.1	500
EN12-M8400	12.8	8.0	150*87*132	1.5	400
EN12-M9500	12.8	9.0	150*87*149	1.7	500
EN12-M10700	12.8	10.0	177*87*153	1.7	700
EN12-M12800	12.8	12.0	166*126*176	2.0	800

UPGRADE SERIES



- Both ST series functions
- Power display screen
- Intelligent backup power, travel worry-free
- Quick wake up, easy to use
- Low temperature heating technology

Model	Voltage (V)	Capacity (Ah)	Size (L*W*H) ±2mm	Weight (kg)	CCA (Amps)	Alternative lead-acid battery model
EN12-M2P5100	12.8	2.5	113*70*85	0.6	100	YTX4L-BS
EN12-M3P5105	12.8	3.5	113*70*85	0.8	105	YTZ5S-BS, YTX6L-BS 12N5, 12N5L, YTX5L-BS
EN12-M4120A	12.8	4.0	150*65*93	0.9	120	YT7B-BS, YTX5S-BS, YT9B-BS, 6MF7-BS YTX7L-BS, YTX7A-BS, YT7B-BS, YTZ7S 12N7, 12N7-3B
EN12-M4120B	12.8	4.0	150*65*105	0.9	120	
EN12-M4120C	12.8	4.0	150*65*130	0.9	120	
EN12-M4120D	12.8	4.0	134*75*135	0.9	120	YTZ5S-BS, YTX6L-BS, YTX5L-BS, 12N5, 12N5L, 12N6.5, 12N6.5L 12N7-4A, 12N7-4B
EN12-M4120E	12.8	4.0	134*89*163	0.9	120	
EN12-M5200	12.8	5.0	150*87*93	1.1	200	YTZ7S, YTZ10S, YT7B-BS, YT9B-BS YTX7L-BS, YTX7A-BS, 6MF7-BS YTX9-BS, YTX9A-BS, YTZ10S-BS
EN12-M6240	12.8	6.0	150*87*105	1.2	240	YT9B-BS, YTZ10S, YTX9-BS, YEX9A-BS 6MF9-BS, YTZ10S-BS, 12N9
EN12-M7280	12.8	7.0	150*87*132	1.3	280	YTX12-BS, YT12A-B2, YTZ12S-BS, YT12B-BS 12N7, 12N7-3B, 12N7-4A, 12N7-4B
EN12-M8320	12.8	8.0	150*87*132	1.3	320	YTX12-BS, YT12A-B2, YTZ12S-BS YT12B-BS, YTX14AH-BS, YTX14-BS YT14B-BS, YTZ14S-BS, YTZ14S
EN12-M9360	12.8	9.0	134*89*162	1.6	360	YTX14AH-BS, YTX14-BS, YT14B-BS YTZ14S-BS, YTZ14S, YTX16A
EN12-M12360A	12.8	12.0	175*87*155	2.0	360	YTX20-BS, YTX20L-BS YTZ20L-BS, YTX24HL-BS
EN12-M12360B	12.8	12.0	205*87*162	2.0	360	
EN12-M18540	12.8	18.0	165*125*175	2.8	540	YTX30L-BS

INTELLIGENT SERIES



- Both ST and UP series functions
- The mode is switched to sleep periodically
- Expandable Bluetooth connection, app function
- SOC, SOH management view
- Log function, use history can be checked
- APP remote operation, remote upgrade

Model	Voltage (V)	Capacity (Ah)	Size (L*W*H) ±2mm	Weight (kg)	CA (Amps)	CCA (Amps)	Terminal	Alternative lead-acid battery model
EN12-M2P575	12.8	2.5	113*70*85	0.4	150	75	2/4	YTX4L-BS、YTZ5S-BS
EN12-M3P5105	12.8	3.5	113*70*85	0.54	210	105	2/4	YTX5L-BS、YTZ6 YTX7L-BS、YTZ7S
EN12-M4120	12.8	4.0	150*65*80	0.56	240	120	2	YT7B-BS、YT9B-BS YT12B-BS、YT14B-BS
EN12-M5150	12.8	5.0	150*87*93	0.78	300	150	2/4	YTX7A-BS、YT7B-BS YTX9-BS、YTZ10S-BS YT12A-B2、YTZ12S-BS YTZ14S-BS
EN12-M6180	12.8	6.0	150*87*93	0.9	360	180	2/4	YTX7A-BS、YT7B-BS YTX9-BS、YTZ10S-BS YT12A-B2、YTZ12S-BSYTZ14S-BS
EN12-M8240	12.8	8.0	150*87*130	1.2	480	240	2/4	YTX12-BS、YTX14-BS YTX16-BS
EN12-M12360	12.8	12.0	175*87*155	1.65	720	360	4	YTX20L、YTX20-BS YTX20H-BS、YTX24HL-BS
EN12-M18540	12.8	18.0	166*126*175	2.5	1080	540	4	YTX30L-BS

——OEM or ODM is available

APPLICATION SCENARIO



Suitable for scooter, road motorcycle, ATV, snowmobile, Jet Ski, UTV and other power vehicles.

CAR START-STOP LITHIUM BATTERY



PRODUCT FEATURES:

- Full scene power adaptation
- 100C ultra-high rate discharge performance
- Wide temperature range adaptive system
- Long-term circulation and low self-discharge characteristics
- Light weight structure design



FEATURE:

- Low-temperature heating technology
- Intelligent backup power
- Bypass power supply
- SOC (State of Charge) and SOH(State of Health) monitoring
- Log functionality and usage history tracking
- Remote operation and firmware upgrades via a dedicated app

STANDARD SERIES



- Full scene power adaptation
- 100C ultra-high rate discharge performance
- Wide temperature range adaptive system
- Long-term circulation and low self-discharge characteristics
- Light weight structure design

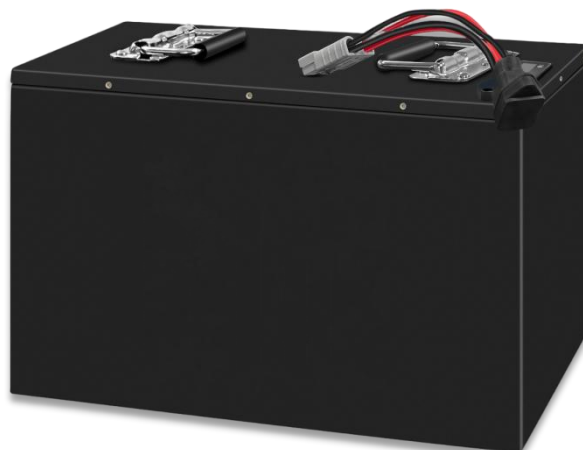
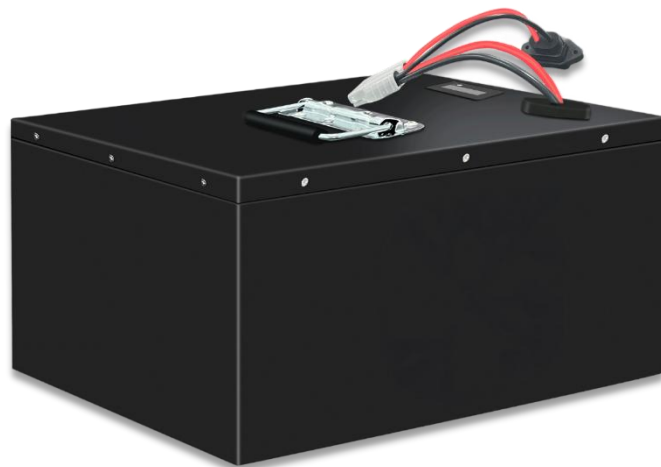
Model	Voltage (V)	Capacity (Ah)	Size (L*W*H) ±2mm	Weight (kg)	CCA (Amps)	Alternative battery model
EN12-C50700	12.8	50	197*128*200/220	4.5	700	B19RL
EN12-C60800	12.8	60	238*133*198/222 207*175*180	5.0	800	B24RL、LN1/H4
EN12-C60900	12.8	60	230*175*162/183	5.8	900	85550
EN12-C701000	12.8	70	306*174*200/220 230*175*181/200 230*174*200/220 278*176*172/190 244*176*197 260*175*201/221	7.5	1000	95D31、55D23、70D23/Q85 57117-T6、57217/H6 L2-400/H5、80D26/S95
EN12-C801100	12.8	80	318*176*187	8.0	1100	58043/H7
EN12-C901100	12.8	90	355*175*188	9.0	1100	60038/H8
EN12-C1001200	12.8	100	230*174*200/219 244*176*197 278*175*172/189 318*176*187 306*174*200/220 355*175*188	9.5	1200	70D23/Q85、L2-400/H5 57217/H6、57117-T6 58043/H7、100D31、60038/H8
EN12-C1101300	12.8	110	398*175*188	10.0	1300	110A-H9
EN12-C1201500	12.8	120	398*175*188	11.0	1500	110A-H9
EN12-C1501500	12.8	150	398*175*188	12.5	1500	110A-H9

APPLICATION SCENARIO



Suitable for a wide range of application scenarios, including motorcycles, passenger cars, commercial vehicles, engineering transport vehicles, touring cars and Marine power systems.

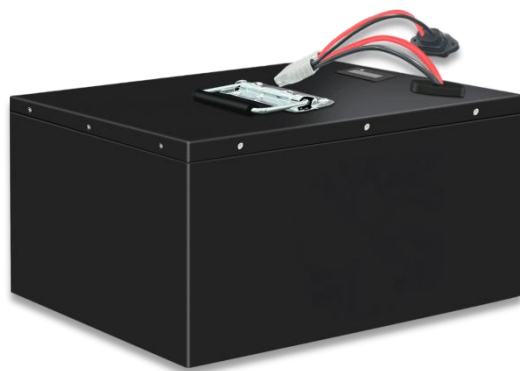
LOW SPEED VEHICLE BATTERY



PRODUCT FEATURES:

- **Brand new automotive grade battery core**, full capacity and full volume
- **Fast charging design**: SMH Anderson interface, high-current special connection, high temperature resistant material.
- **Waterproof sealing**: the battery is waterproof, not afraid of wind and rain.
- **BMS protection**: Balance function, over-voltage, over-charging, over-discharging, over-current, short-circuit, temperature protection, charging anti-reversal
- **Wide range of application scenarios**: two, three and four-wheeled universal models
- **Auxiliary functions**: GPS, data monitoring can be added (additional charges)

STANDARD SERIES



- Brand new automotive grade battery core
- Fast charging design
- Waterproof sealing
- BMS protection
- Wide range of application scenarios

Model	Voltage (V)	Capacity(Ah)	Size (L*W*H) ±2mm	Cruising Range(KM)
EN48-T45	48	45	310*260*200	60-70
EN48-T50	48	50	350*225*180	75
EN48-T60	48	60	310*260*200	80
EN48-T75	48	75	340*225*195	95
EN48-T100	48	100	350*225*180	120
EN48-T160	48	160	450*230*180	180
EN60-T45	60	45	310*260*200	60-70
EN60-T130	60	130	500*260*230	180
EN60-T150	60	150	580*270*200	200
EN60-T180	60	180	650*260*245	220
EN72-T106	72	106	520*380*185	140

APPLICATION SCENARIO



Suitable for motorized rickshaw, electric shuttle bus, electric mini bus, golf cart, electric forklift other multiple application scenarios.

UAV DRONE BATTERY

ABOUT :

Enov UAV DRONE BATTERY has the most advanced new technology battery technology, it has lightweight structure design, ultra-high energy density, stable continuous discharge, standard instantaneous discharge, wide temperature range stable charge and discharge and high nickel ternary positive/silicon carbon negative material system of the combination of semi-solid battery technology, is the best choice for a variety of UAV battery. Nominal voltage 3.7V, capacity 18.0Ah ~ 30.0Ah, etc., supporting 10C continuous discharge and 120C pulse discharge (3 seconds). With ultra-high energy density (220-300Wh/kg) as the core advantage, it can meet the needs of long-endurance scenarios such as plant protection UAV and transport UAV, while maintaining stable discharge performance in extreme low temperature environment (-40°C). The product has passed ISO9001 quality management system certification, and supports custom design (such as size, power, temperature range, etc.) to meet the efficient power requirements of industrial Uavs



PRODUCT FEATURES:

- Support 2C fast charging: complete charging within 30 minutes;
- High energy density and light weight, stable and reliable charge-discharge performance;
- Powerful battery: support up to 70C high rate, high power discharge;
- Long cycle life: 3-5 year life span, with good economic benefits;
- Wide temperature range: -20°C to 60°C normal work;
- Optional with intelligent battery management system BMS, power display, Bluetooth communication, wifi communication and other functions;
- Strong discharge ability: 1C discharge DOD reaches 100%

EXTRA HIGH ENERGY SEMI-SOLID BATTERY (EXE)



- Ultralight, Capacity Increase 20%+
- Ultra-high Energy Density 320Wh/kg+
- Cont. Discharge, 3C+
- Burst Discharge 10C+
- Semi-solid Polymer
- ODM&OEM Acceptable
- Wide temperature range work well from: -20°C to 60°C
- Support 2C fast charging: complete charging within 30 minutes

- Application scenarios:
Vertical take-off and landing UAV (eVTOL), exploration UAV, weather UAV, decoy UAV, Surveying UAV and inspection/surveillance UAV and other industrial applications UAV

Model	Capacity	Energy	Cont. discharge current	Max discharge current (A/0.3S)	Dimension (L*W*H) mm	Weight (kg)	energy density (Wh/kg)
EN-18A022I-EXE	18000mAh 21.9V 6S1P	394.2Wh	54A/3C	180A/10C	184*77*51	1.47kg	268Wh/kg
EN-18A043H-EXE	18000mAh 43.8V 12S1P	788.4Wh	54A/3C	180A/10C	184*77*99	2.74kg	288Wh/kg
EN-18A051A-EXE	18000mAh 51.1V 14S1P	919.8Wh	54A/3C	180A/10C	184*77*115	3.17kg	291Wh/kg
EN-25A022I-EXE	25000mAh 21.9V 6S1P	547.5Wh	75A/3C	250A/10C	184*77*68	1.97kg	278Wh/kg
EN-25A043H-EXE	25000mAh 43.8V 12S1P	1095Wh	75A/3C	250A/10C	184*77*132	3.74kg	293Wh/kg
EN-25A051A-EXE	25000mAh 51.1V 14S1P	1277.5Wh	75A/3C	250A/10C	184*77*154	4.33kg	296Wh/kg
EN-30A022I-EXE	30000mAh 21.9V 6S1P	657Wh	90A/3C	300A/10C	200*91*62	2.25kg	292Wh/kg
EN-30A043H-EXE	30000mAh 43.8V 12S1P	1314Wh	90A/3C	300A/10C	200*91*119	4.3kg	306Wh/kg
EN-30A051A-EXE	30000mAh 51.1V 14S1P	1533Wh	90A/3C	300A/10C	200*91*138	4.99kg	308Wh/kg
EN-36A022I-EXE	36000mAh 21.9V 6S1P	788.4Wh	108A/3C	360A/10C	200*91*72	2.63kg	300Wh/kg
EN-36A043H-EXE	36000mAh 43.8V 12S1P	1576.8Wh	108A/3C	360A/10C	200*91*140	5.06kg	312Wh/kg
EN-36A051A-EXE	36000mAh 51.1V 14S1P	1839.6Wh	108A/3C	360A/10C	200*91*162	5.87kg	314Wh/kg
EN-50A022I-EXE	50000mAh 21.9V 6S2P	1095Wh	150A/3C	500A/10C	184*76*132	3.74kg	293Wh/kg
EN-50A043H-EXE	50000mAh 43.8V 12S2P	2190Wh	150A/3C	500A/10C	184*77*261 184*155*131	7.28kg	301Wh/kg
EN-50A051A-EXE	50000mAh 51.1V 14S2P	2555Wh	150A/3C	500A/10C	184*77*304 184*155*152	8.46kg	303Wh/kg
EN-50A065G-EXE	50000mAh 65.7V 18S2P	3285Wh	150A/3C	500A/10C	187*77*400 187*153*201	11.62kg	283Wh/kg
EN-60A043H-EXE	60000mAh 43.8V 12S2P	2628Wh	180A/3C	600A/10C	206*91*232 206*180*117	8.81kg	299Wh/kg
EN-60A065G-EXE	60000mAh 65.7V 18S2P	3942Wh	180A/3C	600A/10C	206*91*346 206*180*174	13.31kg	297Wh/kg
EN-75A043H-EXE	75000mAh 43.8V 12S3P	3285Wh	225A/3C	750A/10C	187*77*400 187*152*201	11.62kg	283Wh/kg
EN-75A065G-EXE	75000mAh 65.7V 18S3P	4927.5Wh	225A/3C	750A/10C	187*78*598 187*152*297	17.13kg	288Wh/kg
EN-90A043H-EXE	90000mAh 43.8V 12S3P	3942Wh	270A/3C	900A/10C	206*91*346 206*180*174	13.31kg	297Wh/kg
EN-90A065G-EXE	90000mAh 65.7V 18S3P	5913Wh	270A/3C	900A/10C	206*92*517 206*180*257.5	19.67kg	301Wh/kg

HIGH VOLTAGE LI-PO BATTERY (EHV)



- High Discharge Voltage Platform 3.9V
- High Discharge, C-rate 10C+
- High Energy Density 260Wh/kg+
- ODM&OEM Acceptable
- Wide temperature range work well from: -20°C to 60°C
- Support 2C fast charging: complete charging within 30 minutes;
- Strong deep discharge, 1C discharge DOD reaches 100%
- Application scenarios:
 - Vertical take-off and landing UAV (eVTOL), exploration UAV, weather UAV, decoy UAV, Surveying UAV and inspection/surveillance UAV and other industrial applications UAV

Model	Capacity	Energy	Cont. discharge current	Max discharge current (A/0.3S)	Dimension (L*W*H) mm	Weight (kg)	energy density (Wh/kg)
EN-25A023A-EHV	25000mAh 23.1V 6S 1P	577.5Wh	250A/10C	500A/20C	205*93*67	2.54kg	228Wh/kg
EN-25A046B-EHV	25000mAh 46.2V 12S1P	1155Wh	250A/10C	500A/20C	205*93*130	4.88kg	237Wh/kg
EN-25A053I-EHV	25000mAh 53.9V 14S1P	1347.5Wh	250A/10C	500A/20C	205*93*151	5.66kg	239Wh/kg
EN-30A023D-EHV	30000mAh 23.4V 6S1P	702Wh	300A/10C	600A/20C	208*101*70	2.87kg	245Wh/kg
EN-30A046H-EHV	30000mAh 46.8V 12S1P	1404Wh	300A/10C	600A/20C	208*101*136	5.54kg	254Wh/kg
EN-30A054F-EHV	30000mAh 54.6V 14S1P	1638Wh	300A/10C	600A/20C	208*101*158	6.43kg	255Wh/kg
EN-32A023D-EHV	32000mAh 23.4V 6S1P	748.8Wh	300A/10C	600A/20C	222*101*70	3.04kg	246Wh/kg
EN-32A046H-EHV	32000mAh 46.8V 12S1P	1497.6Wh	320A/10C	640A/20C	222*101*136	5.89kg	255Wh/kg
EN-32A054F-EHV	32000mAh 54.6V 14S1P	1747.2Wh	320A/10C	640A/20C	222*101*158	6.84kg	256Wh/kg
EN-50A023A-EHV	50000mAh 23.1V 6S2P	1155Wh	500A/10C	1000A/20C	205*93*130	4.88kg	237Wh/kg
EN-50A046B-EHV	50000mAh 46.2V 12S2P	2310Wh	500A/10C	1000A/20C	205*93*256 205*185*128	9.56kg	242Wh/kg
EN-50A053I-EHV	50000mAh 53.9V 14S2P	2695Wh	500A/10C	1000A/20C	205*93*298 205*185*149	11.12kg	243Wh/kg
EN-64A046H-EHV	64000mAh 46.8V 12S2P	2995Wh	640A/10C	1280A/20C	222*101*268 222*200*135	12.18kg	246Wh/kg
EN-64A070B-EHV	64000mAh 70.2V 18S2P	4493Wh	640A/10C	1280A/20C	222*101*400 222*200*201	18.06kg	249Wh/kg
EN-60A046H-EHV	60000mAh 46.8V 12S2P	2808Wh	600A/10C	1200A/20C	208*101*269 208*200*137	10.88kg	259Wh/kg
EN-60A070B-EHV	60000mAh 70.2V 18S2P	4212Wh	600A/10C	1200A/20C	208*101*401 208*200*203	16.22kg	260Wh/kg
EN-75A046B-EHV	75000mAh 46.2V 12S3P	3465Wh	750A/10C	1200A/20C	205*93*383 205*185*194	14.24kg	244Wh/kg
EN-75A069C-EHV	75000mAh 69.3V 18S3P	5197.5Wh	750A/10C	1200A/20C	205*93*572 205*185*194	21.26kg	245Wh/kg
EN-90A046H-EHV	90000mAh 46.8V 12S3P	4212Wh	900A/10C	1200A/20C	208*101*396 208*200*187	16.22kg	260Wh/kg
EN-90A070B-EHV	90000mAh 70.2V 18S3P	6318Wh	900A/10C	1200A/20C	208*101*599 208*200*302	24.23kg	261Wh/kg

HIGH DISCHARGE LI-PO BATTERY(HPD)



- High Discharge C-rate , Bust up to 50C
- High Capacity, Long Endurance
- ODM&OEM Acceptable
- Wide temperature range work well from: -20°C to 60°C
- Support 2C fast charging: complete charging within 30 minutes
- Strong deep discharge, 1C discharge DOD reaches 100%
- Application scenarios:
Multi-axis UAV helicopter, fixed wing UAV, aerial camera, all kinds of agricultural UAV, weather UAV

Model	Capacity	Energy	Cont. discharge current	Max discharge current (A/0.3S)	Dimension (L*W*H) mm	Weight (kg)	energy density (Wh/kg)
EN-12A022B-HPD	12000mAh 22.2V 6S1P	266.4Wh	300A/25C	600A/50C	179*73*65.2mm	1.82kg	147Wh/kg
EN-12A044D-HPD	12000mAh 44.4V 12S1P	532.8Wh	300A/25C	600A/50C	179*73*126.4mm	3.45kg	155Wh/kg
EN-16A022B-HPD	16000mAh 22.2V 6S1P	355.2Wh	128A/15C	288A/30C	182*77*73.6mm	2.16kg	165Wh/kg
EN-16A044D-HPD	16000mAh 44.4V 12S1P	710.4Wh	128A/15C	288A/30C	182*77*143.2mm	4.11kg	173Wh/kg
EN-22A022B-HPD	22000mAh 22.2V 6S1P	488.4Wh	176A/15C	330A/30C	201*99*68.8mm	2.8kg	175Wh/kg
EN-22A044D-HPD	22000mAh 44.4V 12S1P	976.8Wh	176A/15C	330A/30C	201*99*133.6mm	5.39kg	182Wh/kg
EN-22A051H-HPD	22000mAh 51.8V 14S1P	1139.6Wh	176A/15C	330A/30C	201*99*155.2mm	6.22kg	184Wh/kg
EN-27A022B-HPD	27000mAh 22.2V 6S1P	599.4Wh	216A/15C	405A/30C	224*101*70mm	3.29kg	183Wh/kg
EN-27A044D-HPD	27000mAh 44.4V 12S1P	1198.8Wh	216A/15C	405A/30C	224*101*136mm	6.38kg	189Wh/kg
EN-27A051H-HPD	27000mAh 51.8V 14S1P	1398.6Wh	216A/15C	405A/30C	224*101*158mm	7.37kg	190Wh/kg
EN-30A022B-HPD	30000mAh 22.2V 6S1P	666Wh	450A/15C	900A/30C	241*109*68.2mm	3.5kg	191Wh/kg
EN-30A046D-HPD	30000mAh 44.4V 12S1P	1332Wh	450A/15C	900A/30C	241*109*132.4mm	6.8kg	196Wh/kg
EN-30A053H-HPD	30000mAh 51.8V 14S1P	1554Wh	450A/15C	900A/30C	241*109*153.8mm	7.86kg	198Wh/kg
EN-44A022B-HPD	44000mAh 22.2V 6S2P	976.8Wh	176A/15C	330A/30C	201*99*133.6mm	5.39kg	182Wh/kg
EN-44A044D-HPD	44000mAh 44.4V 12S2P	1953.6Wh	176A/15C	330A/30C	201*99*263.2mm 201*200*135mm	10.48kg	187Wh/kg
EN-44A051H-HPD	44000mAh 51.8V 14S2P	2279.2Wh	176A/15C	330A/30C	201*99*306.4mm 201*200*156mm	12.15kg	188Wh/kg

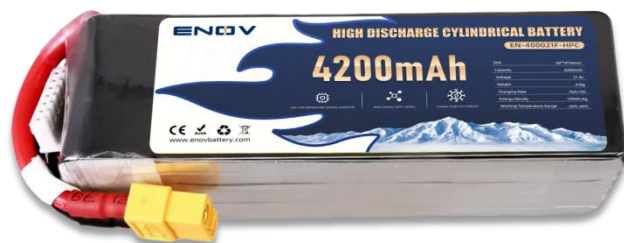
HIGH DISCHARGE LI-PO BATTERY(HPD)



- High Discharge C-rate , Burst up to 150C+
- Safety and Stability
- ODM&OEM Acceptable
- Wide temperature range work well from: -20°C to 60°C
- Support 2C fast charging: complete charging within 30 minutes
- Strong deep discharge, 1C discharge DOD reaches 100%
- Application scenarios:
 - FPV traversing machine, model aircraft UAV, remote control car remote control boat, electric helicopter

Model	Capacity	Energy	Cont. discharge current	Max discharge current (A/0.3S)	Dimension (L*W*H) mm	Weight (kg)	energy density (Wh/kg)
EN-130011A-HPD	11.1V 1300mAh 3cell	14.43Wh	130A/100C	195A/150C	24.5*35*68mm	0.12kg	121Wh/kg
EN-130022B-HPD	22.2V 1300mAh 6cell	28.86Wh	130A/100C	195A/150C	46.5*36.5*70.5mm	0.22kg	132Wh/kg
EN-1A6D11A-HPD	11.1V 1600mAh 3cell	17.76Wh	160A/100C	240A/150C	25.5*45*67.5mm	0.16kg	111Wh/kg
EN-1A6D22B-HPD	22.2V 1600mAh 6cell	35.52Wh	160A/100C	240A/150C	49.4*45*67.5mm	0.31kg	115Wh/kg
EN-1A8D11A-HPD	11.1V 1800mAh 3cell	19.98Wh	180A/100C	270A/150C	24.9*44*68.5mm	0.16kg	125Wh/kg
EN-1A8D22B-HPD	22.2V 1800mAh 6cell	39.96Wh	180A/100C	270A/150C	48.2*44.5*68.5mm	0.29kg	138Wh/kg
EN-220011A-HPD	11.1V2200mAh 3cell	24.42Wh	176A/80C	330A/150C	27.5*34.5*106mm	0.2kg	121Wh/kg
EN-220022B-HPD	22.2V 2200mAh 6cell	48.8.4Wh	176A/80C	330A/150C	49.4*35*106mm	0.37kg	132Wh/kg
EN-320011A-HPD	11.1V 3300mAh 3cell	36.63Wh	231A/70C	495A/150C	22.3*45*136mm	0.28kg	111Wh/kg
EN-320022B-HPD	22.2V 3300mAh 6cell	73.26Wh	231A/70C	495A/150C	42.6*45*136mm	0.53kg	115Wh/kg
EN-370011A-HPD	11.1V 3700mAh 3cell	41.07Wh	259A/70C	555A/150C	25.3*45*136mm	0.31kg	125Wh/kg
EN-370022B-HPD	22.2V 3700mAh 6cell	82.14Wh	259A/70C	555A/150C	49.6*45*136mm	0.6kg	138Wh/kg
EN-440011A-HPD	11.1V 4400mAh 3cell	48.84Wh	308A/70C	660A/150C	23.8*46*155mm	0.36kg	123Wh/kg
EN-440022B-HPD	22.2V 4400mAh 6cell	97.68Wh	308A/70C	660A/150C	47.1*46*156mm	0.7kg	132Wh/kg
EN-490011A-HPD	11.1V 5000mAh 3cell	55.5Wh	350A/70C	750A/150C	25.8*46*158.5mm	0.42kg	131Wh/kg
EN-490022B-HPD	22.2V 5000mAh 6cell	111Wh	350A/70C	750A/150C	50*46.5*158.5mm	0.79kg	139Wh/kg
EN-5A1A22B-HPD	22.2V 5100mAh 6cell	113.22Wh	510A/100C	765A/150C	54.8*46.8*166mm	0.68kg	133Wh/kg
EN-5A1A11A-HPD	11.1V 5100mAh 3cell	56.61Wh	510A/100C	765A/150C	28.2*46.8*166mm	0.42kg	137Wh/kg
EN-550011A-HPD	11.1V 5500mAh 3cell	61.05Wh	385A/70C	825A/150C	30.5*46*155mm	0.43kg	136Wh/kg
EN-550022B-HPD	22.2V 5500mAh 6cell	122.1Wh	385A/70C	825A/150C	60.5*46*156mm	0.83kg	140Wh/kg
EN-400011A-HPD	4000mAh 11.1V 3S1P	44.4Wh	140A/35C	420A/105C	136*46*28mm	0.31kg	133Wh/kg
EN-400014H-HPD	4000mAh 14.8V 4S1P	59.2Wh	140A/35C	420A/105C	136*46*36mm	0.4kg	141Wh/kg
EN-400022B-HPD	4000mAh 22.2V 6S1P	88.8Wh	140A/35C	420A/105C	136*46*52mm	0.58kg	167Wh/kg
EN-500011A-HPD	5000mAh 11.1V 3S1P	55.5Wh	175A/35C	525A/105C	136*46*33mm	0.4kg	135Wh/kg
EN-500014H-HPD	5000mAh 14.8V 4S1P	74Wh	175A/35C	525A/105C	136*46*43mm	0.52kg	142Wh/kg
EN-500022B-HPD	5000mAh 22.2V 6S1P	111Wh	175A/35C	525A/105C	136*46*63mm	0.76kg	148Wh/kg
EN-600011A-HPD	6000mAh 11.1V 3S1P	66.6Wh	210A/35C	630A/105C	155*51*30mm	0.47kg	142Wh/kg
EN-600014H-HPD	6000mAh 14.8V 4S1P	88.8Wh	210A/35C	630A/105C	155*51*39mm	0.62kg	144Wh/kg
EN-600022B-HPD	6000mAh 22.2V 6S1P	133.2Wh	210A/35C	630A/105C	155*51*57mm	0.91kg	147Wh/kg
EN-800011A-HPD	8000mAh 11.1V 3S1P	88.8Wh	280A/35C	840A/105C	166*62*30mm	0.59kg	151Wh/kg
EN-800014H-HPD	8000mAh 14.8V 4S1P	118.4Wh	280A/35C	840A/105C	166*62*39mm	0.78kg	152Wh/kg
EN-800022B-HPD	8000mAh 22.2V 6S1P	177.6Wh	280A/35C	840A/105C	166*62*57mm	1.15kg	155Wh/kg
EN-1A0011A-HPD	10000mAh 11.1V3S1P	111Wh	250A/25C	750A/75C	166*62*33mm	0.68kg	164Wh/kg
EN-1A0014H-HPD	10000mAh 14.8V 4S1P	148Wh	250A/25C	750A/75C	166*62*43mm	0.9kg	165Wh/kg
EN-1A0022B-HPD	10000mAh 22.2V 6S1P	222Wh	250A/25C	750A/75C	166*62*63mm	1.33kg	167Wh/kg

HIGH DISCHARGE CYLINDRICAL BATTERY(HPC)



- High Current Discharge & Low Temperature Rise
- Safety and Stability
- ODM&OEM Acceptable
- Wide temperature range work well from: -20°C to 60°C
- Support 2C fast charging: complete charging within 30 minutes
- Strong deep discharge, 1C discharge DOD reaches 100%
- Application scenarios:

FPV traversing machine, model aircraft UAV, medical equipment, smart home, electronic toy car, etc

Model	Capacity	Energy	Cont. discharge current	Max discharge current (A/0.3S)	Dimension (L*W*H) mm	Weight (kg)	energy density (Wh/kg)
EN-400021F-HPC	4200mAh 21.6V 6S1P	90.72Wh	45A/10C	90A/20C	68*74*44mm	470g	199Wh/kg
EN-400028H-HPC	4200mAh 28.8V 8S1P	120.96Wh	45A/10C	90A/20C	89*74*44mm	610g	205Wh/kg
EN-500021F-HPC	5000mAh 21.6V 6S1P	108Wh	30A/10C	60A/20C	68*74*44mm	476g	234Wh/kg
EN-500028H-HPC	5000mAh 28.8V 8S1P	144Wh	50A/10C	100A/20C	89*74*44mm	618g	240Wh/kg
EN-800021F-HPC	8400mAh 21.6V 6S2P	181.44Wh	90A/10C	180A/20C	136*74*44mm	900g	208Wh/kg
EN-800028H-HPC	8400mAh 28.8V 8S2P	241.92Wh	90A/10C	180A/20C	178*74*44mm	1180g	211Wh/kg
EN-1A0021F-HPC	10000mAh 21.6V 6S2P	216Wh	100A/10C	200A/20C	136*74*44mm	912g	247Wh/kg
EN-1A0028H-HPC	10000mAh 28.8V 8S2P	288Wh	100A/10C	200A/20C	178*74*44mm	1196g	248Wh/kg

——OEM or ODM is available

HIGH DISCHARGE LI-PO BATTERY (HPD)-SM



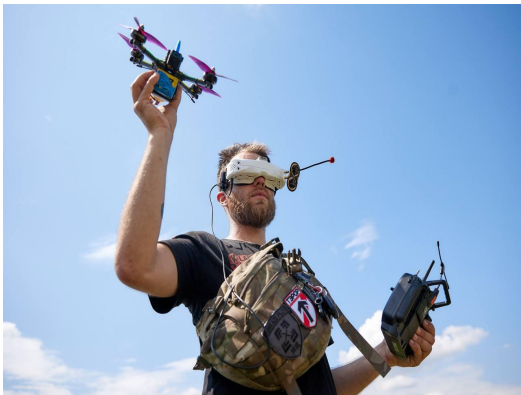
Model	Capacity	Rate	Cont. discharge current	Max discharge current (A/0.3S)	Dimension (L*W*H) mm	Weight (kg)	Energy density (Wh/kg)
EN-16A044DS1	16Ah 44.4v 12S	15C	128A	330A	218*162*88	4.6kg	180Wh/kg
EN-22A044DS1	22Ah 44.4v 12S	15C	176A	288A	246*162*111	5.9kg	190Wh/kg
EN-30A068DS1	30Ah 68.4v 18S	10C	205A	300A	310*126*267	15.3kg	134Wh/kg

- High Current Discharge&LowTemperature Rise
- Aluminum case to enhance mechanical impact strength and heat dissipation
- Over charge/over discharge protection, over current and short circuit protection, balancing function
- Charge and discharge over temperature protection, temperature and voltage abnormality alarming

- SOC/ SOH display; Manual switch, automatic sleep function
- Different capacity voltage can be customized according to customer requirements
- ODM&OEM Acceptable
- Application scenarios:
Plant protection drones, transportation drones

——OEM or ODM is available

APPLICATION SCENARIO



Suitable for Fixed wing UAV, agricultural UAV, logistics UAV, plant protection UAV and other multiple application scenarios.

LITHIUM ENERGY STORAGE SYSTEM



ABOUT:

The product adopts high energy density lithium ternary battery (energy density 200Wh/kg) and long-life lithium iron phosphate battery (cycle life 4000 times +) dual-cell program, support modular combination of capacity expansion (0.5-30kWh). Portable design meets the portable needs for short-distance traveling, and the trolley series is equipped with off-road wheelsets to adapt to mountain camping and other complex terrain. The whole series is equipped with intelligent inverter technology, providing AC pure sine wave output, USB-C, PD fast charging interface and DC output, which is compatible with 99% of digital devices and household appliances. Through the photovoltaic + mains charging + vehicle charging triple fast charging, realize off-grid energy self-cycling, for outdoor adventure family disaster preparedness professional operations to provide “zero carbon silent” power support.

PRODUCT FEATURES:

- Dual-cell technology adaptive: lithium ternary / lithium iron phosphate
- Intelligent multi-interface matrix: DC/AC/USB/car charger, etc.
- BMS intelligent protection, Electrical safety in use
- Support multiple ways of charging, multi-scene emergency adaptation



APPLICATION SCENARIO



Suitable for household energy storage, industrial and commercial energy storage, microgrid, outdoor power supply, solar energy storage and other multiple application scenarios.

CORE STRENGTHS

TOP R&D TEAM

The core R&D team all graduated from top universities in China. Senior experts in the field of new energy to continuously break through the bottlenecks of energy density and cycle life.

SAFETY AND QUALITY ASSURANCE

The company's products have introduced fully automated production lines, fully closed temperature and humidity control of clean production workshop, the sales of products through ISO14001, ISO9001, ISO45001, ROHS and other international certification, in line with UL, CE, UN38.3 and other global safety standards.

INDUSTRY LEADING LITHIUM TECHNOLOGY

The company sells high rate lithium-ion batteries, currently can achieve more than 100C continuous discharge; Pulse 300C 1s; 230C 2s, 180C 3S super magnification capacity, in the industry's top level.

TECHNICAL SALES TEAM

The company has a energetic, professional sales service team, "technology-oriented sales" as the core concept, in-depth integration of product technology and market forward-looking analysis, to provide customers with accurate and reliable product solutions.

COMMITMENT TO SUSTAINABLE DEVELOPMENT

SOCIAL RESPONSIBILITY

01

Invest 1% of revenue annually for off-grid energy storage donations in remote areas (covering 12 communities in 3 countries).

LOW CARBON PARTNERSHIP PROGRAM

02

Priority support for customers who use electronic contracts and shared logistics warehouses.

PRODUCT SIDE

03

The carbon footprint traceability system covers the TOP50 suppliers in the supply chain.

PRODUCT SIDE

04

In 2025, the cycle life of the whole line of products exceeded 6,000 times

PRODUCTION SIDE

05

Battery recycling rate increased to 85% (current data: 72%)

PRODUCTION SIDE

06

By 2030, the factory will achieve 100% green electricity supply

ENOV NEW ENERGY

LOOKING FORWARD TO OUR COOPERATION!

FOR BETTER DEVELOPMENT, PLEASE COOPERATE WITH US

INNOVATIVE, EFFICIENT, MUTUALLY BENEFICIAL AND SUSTAINABLE

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