

Shenzhen Genju Technology Co., Ltd

ADVOCATE OF HIGH-QUALITY LITHIUM BATTERIES

CONTRIBUTE TO A BETTER LIFE

WORWORF

Low temperature cells

SAFD

High magnification
High capacity
Small model



Content



● COMPANY PROFILE	01
● BRAND INTRODUCTION	02
● R&D AND MANUFACTURING	03
● PROFESSIONAL CERTIFICATIONS	04

SHENZHEN GENJU TECHNOLOGY CO., LTD



Company Profile

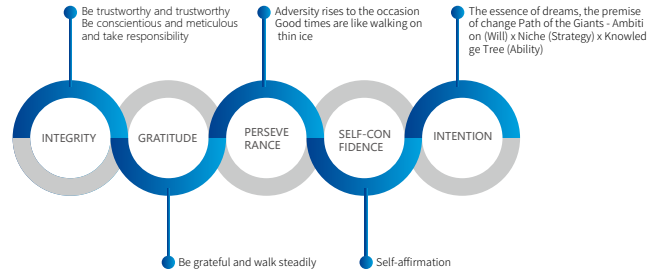
SHENZHEN GENJU TECHNOLOGY CO., LTD

SHENZHEN GENJU TECHNOLOGY CO., LTD. IS A HIGH-TECH ENTERPRISE INTEGRATING R&D, PRODUCTION AND SALES. SPECIALIZING IN THE DEVELOPMENT AND PRODUCTION OF HIGH-QUALITY LITHIUM-ION BATTERIES, WITH ITS OWN R&D BRANDS - SAFD AND WORWORE. OUR COMPANY HAS CLOSE COOPERATION WITH MANY UNIVERSITIES AND SCIENTIFIC RESEARCH UNITS, AND HAS SIGNED INDUSTRY-UNIVERSITY-RESEARCH COOPERATION AGREEMENTS WITH CENTRAL SOUTH UNIVERSITY AND HUNAN UNIVERSITY.

Corporate Culture

The company's core values

INTEGRITY, GRATITUDE, PERSEVERANCE, SELF-CONFIDENCE, INTENTION



BUSINESS INTRODUCTION

WE WILL BE IN LINE WITH THE SPIRIT OF CREATING SAFER, MORE STABLE AND COST-EFFECTIVE. THE LITHIUM BATTERY PRODUCTS ARE STANDARD, FOR DIFFERENT CUSTOMER NEEDS, PROPOSED FOR DIRECTIONAL RESEARCH AND DEVELOPMENT, PRIVATE CUSTOMIZED SERVICES. DUE TO THE EXCELLENT QUALITY, STABLE SUPPLY, GOOD SERVICE, SO THAT WE HAVE STRONG COMPETITIVENESS, IN THE FIERCE MARKET COMPETITION, STAND OUT AND OUT. WE HAVE ESTABLISHED LONG-TERM RELATIONSHIPS WITH A NUMBER OF LARGE ENTERPRISES. STABLE COOPERATIVE RELATIONSHIP, HOPE TO BECOME YOUR PARTNER.

Brand introduction >>>

Shenzhen Genju Technology Co., Ltd

WORWORF

WORWORF CRYOGENIC BATTERY BRAND, HEAVY QUALITY DETAILS CONTROL, LOW-TEMPERATURE BATTERY MODELS: 18650-32ML, 18650-30ML, 18650-26ML, 18650-15ML, 18500-20DBL. PRODUCTS ARE MAINLY USED IN SKI CLOTHING, SNOW CAMERA, HUNTING CAMERA, ACTION CAMERA, ALPINE SNOW FLASHLIGHT, COLD LAND GPS POSITIONING SYSTEM, COLD LAND SIGNAL TRANSMITTER, ETC.

SAFD

SPECIALIZING IN THE DEVELOPMENT AND PRODUCTION OF HIGH-QUALITY LITHIUM-ION BATTERIES, WITH ITS OWN R & D BRAND - SAFD SAFD. BATTERY MODELS: 18350HA, 18490DB, 14500DA, 18650-25HR, 18650-30HQ, 18650-35ME, 21700-50ME. OUR PRODUCTS ARE MAINLY USED IN INTELLIGENT TWO-WHEEL TRAVEL POWER TOOLS, SMART HOMES, INTELLIGENT ROBOTS, DRONES, PORTABLE ENERGY STORAGE, MEDICAL EQUIPMENT, INDUSTRIAL EQUIPMENT AND OTHER FIELDS.



Hot products



Heavy Impact Test PASS
- I will take care of your valuables

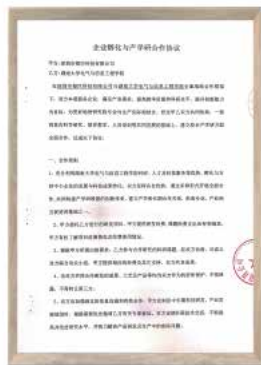
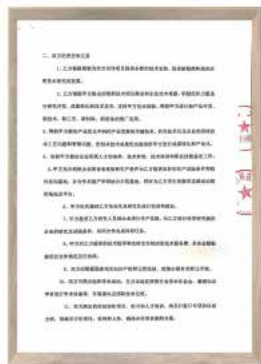
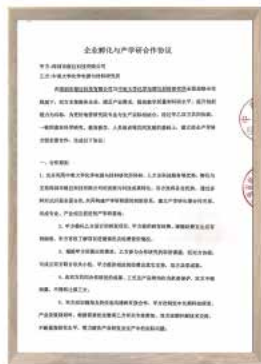
Model:SAFD18500 DB	Nominal Capacity :2460mAh
Weight:$\leq 35 \pm 2.0 \text{ g}$	Maximum Discharge Current :4.8A



The world's first to do both
-40 °C 1C continuous discharge/-20 °C 0.2C continuous charge

Model:WWF18650 26ML	Nominal Capacity :2600mAh
Weight:$44.0 \pm 3.0 \text{ g}$	Maximum Discharge Current :7.8A





School-enterprise cooperation
Central South University
It is a national key university directly under the Ministry of Education, and a university for the construction of "Double First-class", "985 Project" and "211 Project"

School-enterprise cooperation
Hunan University
It is a national key university directly under the Ministry of Education,[1] and a national "211 Project", "985 Project" and "Double First-class" construction university

Professional certifications ▶▶▶



Security certification

UN38.3 certification, IEC62133 certification, MSDS certification, CE certification.
High safety structure design, precise power off, pressure relief device.

Security certification

Each battery has undergone special tests with a complete test report. In-depth research on the thermal runaway basis of batteries, and the selection of high-safety active materials. High-safety diaphragm selection, automatic cut-off current under high temperature conditions.



Test report
SAFD 18350 HA



Utility patents
ZL202123136077.6



Utility patents
ZL202121735032.8



Utility patents
ZL202121761217.6



Test report
SAFD 14500 DA



Utility patents
ZL202121706079.1



Utility patents
ZL202121762101.4



Utility patents
ZL2021227891172.5

R&D cooperation



R&D capabilities

OUR COMPANY HAS CLOSE COOPERATION WITH MANY UNIVERSITIES AND SCIENTIFIC RESEARCH UNITS, AND HAS COOPERATED WITH CENTRAL SOUTH UNIVERSITY HUNAN UNIVERSITY SIGNED AN AGREEMENT ON INDUSTRY-UNIVERSITY-RESEARCH COOPERATION

Manufacturing capabilities

PROCESS AUTOMATION, FULLY AUTOMATED BATTERY PRODUCTION LINE THE TRANSFER OF MANIPULATORS AND THE CONNECTION BETWEEN EQUIPMENT ARE REALIZED BETWEEN ASSEMBLY PROCESSES.AUTOMATIC CIRCULATION, HIGH MANUFACTURING EFFICIENCY.



Fully automated battery production line

1. The transfer of manipulators and the connection between equipment are realized between assembly processes.
2. Automatic circulation, high manufacturing efficiency.
3. The turnover of the pole piece and the core is fast, no water absorption, no pollution.

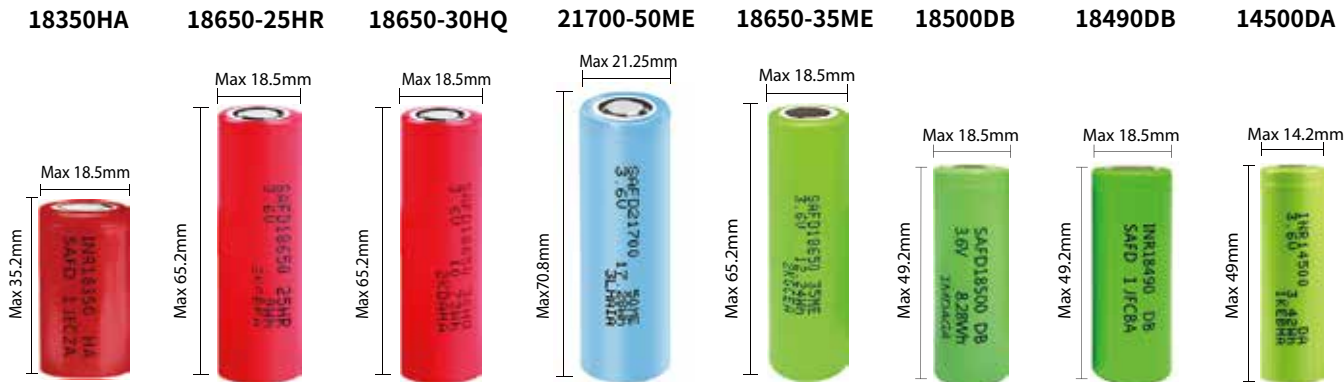


Manufacturing environment control

1. Efficient dehumidification environment, liquid injection workshop below 1% relative humidity.
2. Dust control.
3. Temperature control

18650-32ML**18650-30ML****18650-26ML****18650-15ML****18500-20DBL**

Brand	Model	Nominal Voltage	Nominal Capacity	Maximum Discharge Current	Use temperature	Cycle life	Low temperature characteristics
WORWOLF	18650-32ML	3.6V	3200mAh	9.6A	-40°C~60°C	300times≥80%	-40°C Capacity ratio≥70%
WORWOLF	18650-30ML	3.6V	3000mAh	6A	-40°C~60°C	300times≥80%	-40°C Capacity ratio≥70%
WORWOLF	18650-26ML	3.6V	2600mAh	7.8A	-40°C~60°C	300times≥80%	-40°C Capacity ratio≥70%
WORWOLF	18650-15ML	3.2V	1500mAh	7.5A	-30°C~85°C	1000times≥80%	-30°C Capacity ratio≥45%
WORWOLF	18500-20DBL	3.6V	2000mAh	4A	-40°C~60°C	300times≥80%	-40°C Capacity ratio≥70%



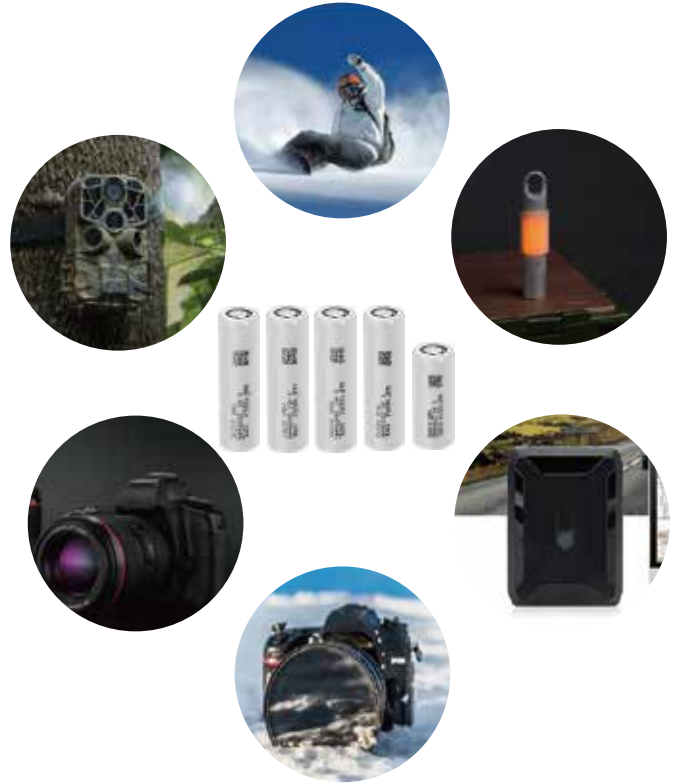
Brand	Model	Nominal Voltage	Nominal Capacity	Maximum Discharge Current	Use temperature	Cycle life	Resistance
SAFD	18350HA	3.6V	1100mAh	10A	-20℃~60℃	300times≥80%	≤50 mΩ
SAFD	18650-25HR	3.6V	2500mAh	25A	-20℃~75℃	500times≥80%	≤18 mΩ
SAFD	18650-30HQ	3.6V	3000mAh	15A	-20℃~60℃	250times≥60%	≤18 mΩ
SAFD	21700-50ME	3.63V	4900mAh	14.7A	-20℃~55℃	500times≥80%	≤14±5mΩ
SAFD	18650-35ME	3.6V	3500mAh	10A	-20℃~60℃	500times≥70%	≤25mΩ
SAFD	18500DB	3.6V	2400mAh	4.8A	-20℃~60℃	300times≥80%	≤55mΩ
SAFD	18490DB	3.6V	2000mAh	4A	-20℃~60℃	300times≥90%	≤60mΩ
SAFD	14500DA	3.6V	1000mAh	2A	-20℃~60℃	300times≥80%	≤70mΩ

In cold weather, electronics cannot be used?

In many cold regions, such as Harbin in the north, Jilin and other places, the temperature is perennial As low as below zero, workers in cold areas often struggle to work outdoors
Low temperature can not use electronic products, causing great inconvenience.

WORWOLF cryogenic battery to solve

-40 degrees Celsius performance greater than or equal to capacity ratio of 65%
Low temperature characteristics - specially developed for low temperature use



Insufficient battery life when using tools outdoors?

When using electric motorcycles, balance bikes and other tools outdoors, due to insufficient capacity

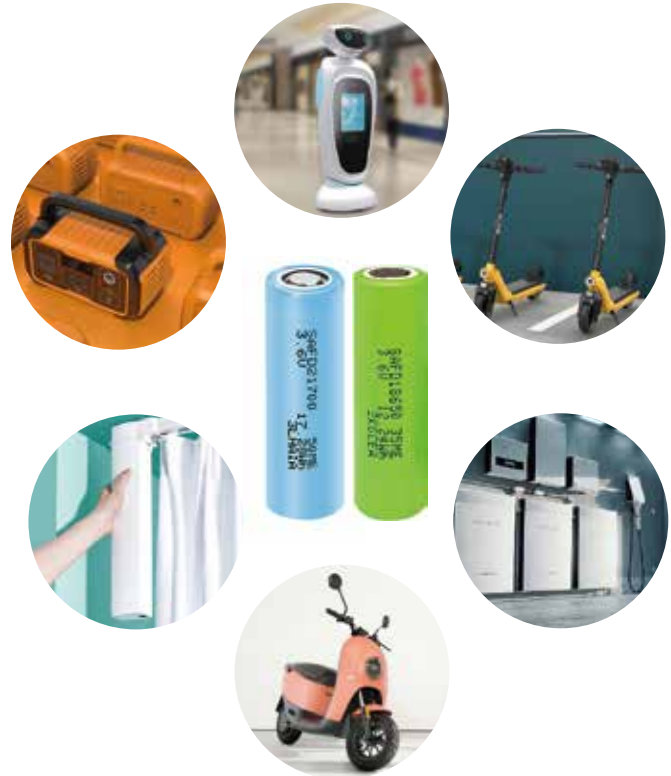
The battery life is too short, causing great inconvenience.

SAFD high capacity battery to solve

21700-50ME, 18650-35ME is suitable for electric scooters, electricity

Motorcycles, Scooters, robots, electric curtains, home energy storage, outdoor

Tools such as energy storage that require a long battery life.



When using power tools, starting power is insufficient?

When using tools such as lawn mowers and chainsaws, due to insufficient power to start it cannot be used, causing great inconvenience.

SAFD high rate battery to solve

18650-25HR, 18650-30HQ, 18350HA are suitable for chainsaws

Lawn mowers, vacuum cleaners, sweepers, surfboards, mountain bikes, etc. need instant power. Unleash high-powered tools.



Smart home is small and lightweight, can't put the battery?

Because household appliances are small and lightweight, it is difficult to have a suitable battery to put them

Go in, so that you can't use it - convenient home appliances are light and compact to be easy to carry, Most batteries on the market are too large and heavy, how to solve them?

SAFD small model battery to solve

18500DB、18490DB、14500DA is suitable for household small appliances, digital products Shavers, toys, electric toothbrushes, Bluetooth audio, power banks, flashlights, etc Small and lightweight smart home.

