



>>>>>>

FLOOR SCRUBBER LITHIUM BATTERY

25.6V 50Ah ◀
25.6V 100Ah ◀
25.6V 150Ah ◀
25.6V 200Ah ◀
38.4V 200Ah ◀

ABOUT SYCAIN



We are a leading Chinese manufacturing enterprise dedicated to the production of lithium batteries. With a strong focus on quality and reliability, we offer tailored battery solutions for various industries, including floor machines, golf carts, electric forklifts, aerial work lifts, and more.

Driven by our commitment to innovation, SYCAIN is at the forefront of research and development, manufacturing, and sales of Lithium-ion Battery Systems. With over 10 years of combined experience in renewable energy and battery systems, we bring cutting-edge technology and expertise to every product we create.

Our mission goes beyond providing exceptional battery solutions. We envision a greener planet, and we strive to achieve this by working hand in hand with our customers. Together, we aim to build a sustainable future and create a cleaner, more environmentally friendly world.

Join us on this journey towards a safer, more efficient, and reliable energy future. Experience the SYCAIN difference today and be a part of shaping a greener tomorrow.



CLIENTS
100+

We proudly serve 100+ clients worldwide.

COUNTRIES
30+

We operate in over 30 countries worldwide.

BRANCHES
5+

With 5+ branches worldwide.

EXPERIENCE
10+

Our team have 10 years of experience in the energy sector.

Empower Your Next Project with Lithium Battery !

Powering your next project with lithium batteries brings convenience and advantages. With high energy density and lightweight characteristics, lithium batteries provide long-lasting and reliable power for various applications. Additionally, they offer fast charging and low self-discharge rates, ensuring efficient operation and prolonged usage of your project.

HARNESS THE POWER YOU NEED FOR OPTIMAL PERFORMANCE

UTILIZING MILITARY-GRADE TECHNOLOGY

Our state-of-the-art technology ensures superior performance and endurance for your lithium battery packs in extreme conditions, guaranteeing their safety and reliability.

**GELID[®]
TECH.**

GELID CHARGING for LFP Batteries utilizes low-temperature charging algorithms, enabling charging in sub-zero.



SYCAIN LFP battery technology is suitable for various types of devices, including but not limited to any Brands



Our BMS intelligently monitors, protects, balances the battery pack, and controls the charging and discharging process.

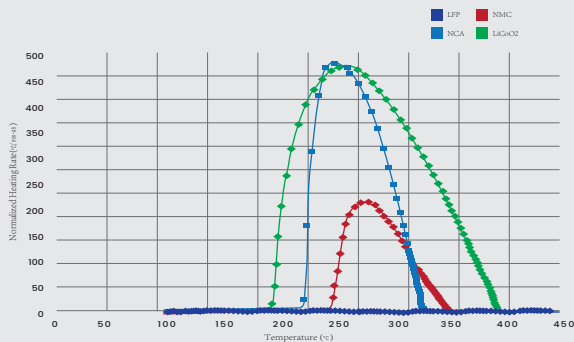


Active Balancing Charging technology dynamically balances the battery pack during charging, improving battery life and safety.



Safety

Thermal Runaway: Impact of cell chemistry

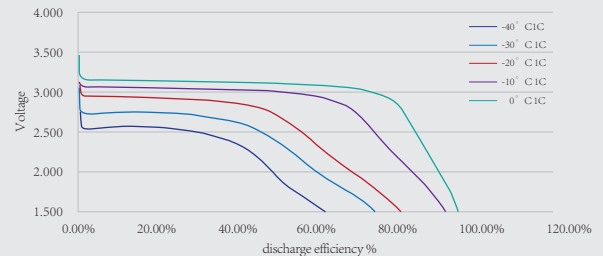


Lithium batteries equipped with a Battery Management System (BMS) have enhanced safety.



Performance at low temperature

Discharge performance of lithium batteries at different temperatures, with current size represented by 1C rate.

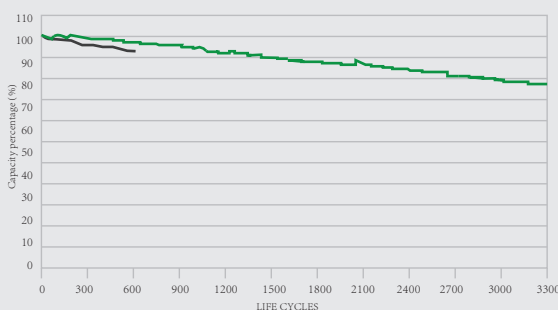


SYCAIN GELID TECH can improve battery performance and available capacity.



Long life span

Lead-Acid: 300~500
Lithium battery: >3000

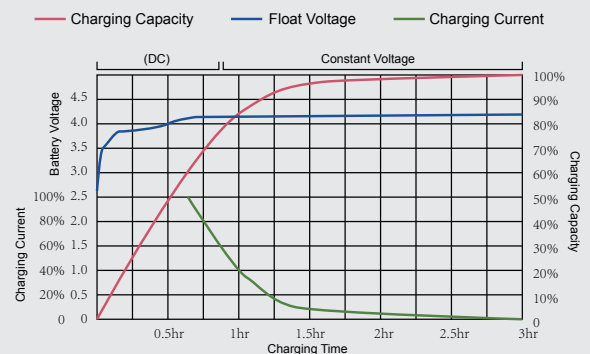


The chemical reactions in lithium batteries are relatively more stable, resulting in higher cycle life.



Charge curve

Charging Rate=1C



High energy density, low self-discharge rate, long lifespan, fast charging capability, and lightweight design.

Cost Reduction and Efficiency Enhancement

Lithium Battery and Lead-acid Battery Contrast



Energy density	100-140Wh/kg	50-70Wh/kg
Cycle life	6000times	400-600times
Energy efficiency	>95% 1C Slow reduction in service life	70~75% Significant reduction in service life
Low-temperature performance	>95%	<60%
Safety	Good safety performance	safety performance
Environmental protection	National-evel, pollution-free	Easily pollutes the environment during recycling
Maintenance	No Maintenance	Requires maintenance
Comprehensive cost of use	Low	High

Application Contrast in Floor Scrubber

Within 24 hours	Lithium Equipment	Lead-acid Equipment
Total operating time	6 hours (3h × 2)	3hours
Travel distance	6 hours × 3700 m/h	3h × 3700m/h
Coverage area	11,100m²(22,200 × 0.5m)	5,550m²(11,100 × 0.5m)
Maintenance	No Maintenance	Requires maintenance
Usage	Ready for emergency use no need for full charge	Only can be used after charging, otherwise severely affects battery life
Self-discharge at room temperature for days	90 days	30 days

*The data above is based on the Conventional model.

It's Time To **UPGRADE** Your Floor Scrubber Battery.



SYCAIN[®] USA
25.6V 100Ah

CL24100

Lithium Battery For Floor Scrubber

Rated Voltage: 25.6V
Rated Capacity: 100Ah
Rated Energy (kWh): 2.56
Cycles (25°C): 1000
Discharge (mA): 100/200/300
Weight (kg): 110kg



www.sycaintech.com

LiFePO4



1. Avoid extreme temperatures and sunlight.
2. Don't puncture or crush the battery.
3. Avoid using or charging a damaged or leaking battery.
4. Use the recommended charger.
5. Disconnect the charger after full charge.
6. Keep away from children and pets.
7. Store in a cool, dry place away from heat.
8. Dispose of properly as per local regulations.



25.6V50Ah LITHIUM BATTERIES

FOR FLOOR SCRUBBERS

SYCAIN 25.6V 50Ah battery is specifically designed for micro walk - behind floor scrubbers. This battery provides the necessary electrical energy to power the scrubbing and suction systems of the floor scrubber. It offers portability and convenience, allowing for extended operation without the need for external power sources.

SPECIFICATIONS:

VOLTAGE AND CAPACITY

25.6V 50Ah 1.28KWh

SIZE

11 x 7.5 x 7" (280*190*178mm)

WEIGHT

28.66 lbs 448.82 oz (13kg)

STANDARD CHARGE

2Hours

LIFESPAN/LIFECYCLES

Up to 90% capacity for 3,500 cycles in recommended conditions.

CHARGE

25 A max. 24 V recommended, 29.2 V max.

LiFePO4 charger recommended.

OPERATING TEMPERATURE

- 4°F(-20°C) min, +131°F(55°C)max optimal environmental operating temps.

SAFE & RELIABLE

Includes active SYCAIN BMS protection circuit that handles cell balancing, low voltage cutoff, high voltage cutoff, short circuit protection and temperature protection for enhanced performance and longer life span.

SUITABLE FOR

MICRO WALK - BEHIND FLOOR SCRUBBERS



200%

TWICE THE POWER OF
TRADITIONAL BATTERIES

1/2

HALF
THE WEIGHT

5x

CHARGES FIVE
TIMES FASTER

6x

LASTS SIX
TIMES AS LONG

100%

SAFE AND
RELIABLE

25.6V100Ah LITHIUM BATTERIES

FOR FLOOR SCRUBBERS

SYCAIN 25.6V 100Ah lithium battery is a high-performance battery designed specifically for floor scrubbers. It utilizes lithium-ion technology, offering a high energy density and long lifespan. This battery provides a voltage output of 25.6 volts and a capacity of 100 ampere-hours (Ah), ensuring a continuous power supply to keep the floor scrubber operating efficiently during work.

SPECIFICATIONS:

VOLTAGE AND CAPACITY

25.6V 100Ah 2.56KWh

SIZE

15 x 11 x 8" (370*290*210mm)

WEIGHT

50.71 lbs 806.45 oz (23kg)

STANDARD CHARGE

3.3Hours

LIFESPAN/LIFECYCLES

Up to 90% capacity for 3,500 cycles in recommended conditions.

CHARGE

30 A max. 24 V recommended, 29.2 V max.

LiFePO4 charger recommended.

OPERATING TEMPERATURE

-4°F(-20°C) min, +131°F(55°C)max optimal environmental operating temps.

SAFE & RELIABLE

Includes active SYCAIN BMS protection circuit that handles cell balancing, low voltage cutoff, high voltage cutoff, short circuit protection and temperature protection for enhanced performance and longer life span.

SUITABLE FOR

WALK - BEHIND FLOOR SCRUBBERS

MICRO RIDE - ON FLOOR SCRUBBERS



200%

TWICE THE POWER OF
TRADITIONAL BATTERIES

1/2

HALF
THE WEIGHT

5x

CHARGES FIVE
TIMES FASTER

6x

LASTS SIX
TIMES AS LONG

100%

SAFE AND
RELIABLE

25.6V150Ah LITHIUM BATTERIES

FOR FLOOR SCRUBBERS

The 25.6V 150Ah lithium battery is a high-capacity battery specifically designed for floor scrubbers. It utilizes advanced lithium-ion technology, offering excellent performance and reliability to ensure a consistent and stable power supply for the floor scrubber. It can withstand multiple charge-discharge cycles without losing performance, thereby extending the battery's overall lifespan and reducing the frequency and cost of battery replacement.

SPECIFICATIONS:

VOLTAGE AND CAPACITY

25.6V 150Ah 3.84KWh

SIZE

16.5 x 13.8 x 9.4" (420*350*239mm)

WEIGHT

79.37lbs 872.37 oz (36kg)

STANDARD CHARGE

3.75Hours

LIFESPAN/LIFECYCLES

Up to 90% capacity for 3,500 cycles in recommended conditions.

CHARGE

40 A max. 24 V recommended, 29.2 V max.

LiFePO4 charger recommended.

OPERATING TEMPERATURE

-4°F(-20°C) min, +131°F(55°C)max optimal environmental operating temps.

SAFE & RELIABLE

Includes active SYCAIN BMS protection circuit that handles cell balancing, low voltage cutoff, high voltage cutoff, short circuit protection and temperature protection for increased performance and longer life.

SUITABLE FOR

RIDE - ON FLOOR SCRUBBERS



200%

TWICE THE POWER OF
TRADITIONAL BATTERIES

1/2

HALF
THE WEIGHT

5x

CHARGES FIVE
TIMES FASTER

6x

LASTS SIX
TIMES AS LONG

100%

SAFE AND
RELIABLE

25.6V200Ah LITHIUM BATTERIES

FOR FLOOR SCRUBBERS

The 25.6V 200Ah battery is a high-capacity power source designed for various applications, including floor scrubbers. With a voltage of 25.6 volts and a capacity of 200 ampere-hours (Ah), this battery delivers a significant amount of electrical energy, allowing for extended periods of continuous operation. It is commonly used in ride - on floor scrubber, and backup power systems, providing reliable and long-lasting power.

SPECIFICATIONS:

VOLTAGE AND CAPACITY

25.6V 200Ah 5.12KWh

SIZE

19 x 14 x 8" (480*365*215mm)

WEIGHT

99.21 lbs 1587.33 oz (45kg)

STANDARD CHARGE

5Hours

LIFESPAN/LIFECYCLES

Up to 90% capacity for 3,500 cycles in recommended conditions.

CHARGE

40 A max. 24 V recommended, 29.2 V max.

LiFePO4 charger recommended.

OPERATING TEMPERATURE

- 4°F(-20°C) min, +131°F(55°C)max optimal environmental operating temps.

SAFE & RELIABLE

Includes active SYCAIN BMS protection circuit that handles cell balancing, low voltage cutoff, high voltage cutoff, short circuit protection and temperature protection for increased performance and longer life.

SUITABLE FOR

RIDE - ON FLOOR SCRUBBERS



200%

TWICE THE POWER OF
TRADITIONAL BATTERIES

1/2

HALF
THE WEIGHT

5x

CHARGES FIVE
TIMES FASTER

6x

LASTS SIX
TIMES AS LONG

100%

SAFE AND
RELIABLE

38.4V200Ah LITHIUM BATTERIES

FOR FLOOR SCRUBBERS

SYCAIN 38.4V 200Ah battery is specifically designed for ride-on floor scrubbers, providing a substantial amount of electrical energy to power the drive system and components.

It offers extended runtime, reliable power supply, and meets the demanding operational requirements of ride-on floor scrubbers, maximizing productivity and delivering optimal cleaning results.

SPECIFICATIONS:

VOLTAGE AND CAPACITY

38.4V 200Ah 7.68KWh

SIZE

19.7 x 13.8 x 10.2" (500*350*260mm)

WEIGHT

136.69 lbs 2175.73 oz (62kg)

STANDARD CHARGE

5Hours

LIFESPAN/LIFECYCLES

Up to 90% capacity for 3,500 cycles in recommended conditions.

CHARGE

40 A max. 36 V recommended, 43.8 V max.

LiFePO4 charger recommended.

OPERATING TEMPERATURE

- 4°F(-20°C) min, +131°F(55°C)max optimal environmental operating temps.

SAFE & RELIABLE

Includes active SYCAIN BMS protection circuit that handles cell balancing, low voltage cutoff, high voltage cutoff, short circuit protection and temperature protection for increased performance and longer life.

SUITABLE FOR

RIDE - ON FLOOR SCRUBBERS



200%

TWICE THE POWER OF
TRADITIONAL BATTERIES

1/2

HALF
THE WEIGHT

5x

CHARGES FIVE
TIMES FASTER

6x

LASTS SIX
TIMES AS LONG

100%

SAFE AND
RELIABLE

CHARGER

MODEL: WTL 2415

INPUT: 100-240Vac 50/60Hz Max 5A

OUTPUT: DC29.2V-15A

BATTERY TYPE: LFP Lithium battery 29.2V100-120Ah



MODEL: WTL 2425

INPUT: 100-240Vac 50/60Hz Max 8.5A

OUTPUT: DC29.2V-25A

BATTERY TYPE: LFP Lithium battery 29.2V150-200Ah

MODEL: WTL 2625

INPUT: 100-240Vac 50/60Hz Max 12A

OUTPUT: DC43.8V-25A

BATTERY TYPE: LFP Lithium battery 43.8V150-200Ah



WARNING

Strictly follow instruction during installation or use;

The ground wire of the AC input socket should be reliably grounded;

The Charger must match the battery pack;

Don't touch input or output terminals during charging;

Keep away from inflammable or explosive materials and ensure adequate ventilation;

High voltage charger, only trained professionals allowed to open cover.

Global Applications cases.



Floor scrubber in China (CL24100)



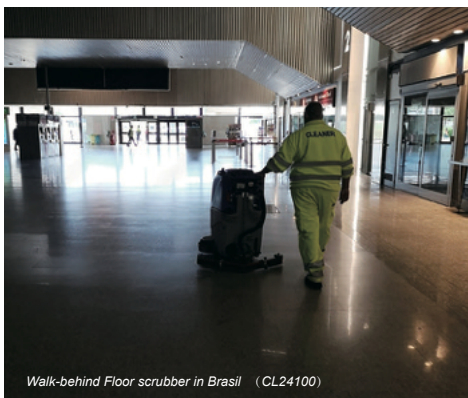
Ride-on Floor scrubber in UK (CL24200)



Ride-on Floor scrubber in Thailand (CL36200)



Ride-on Floor scrubber in USA (CL24200)



Walk-behind Floor scrubber in Brasil (CL24100)



Mini Floor scrubber in USA (CL2450)



Ride-on Floor scrubber in UK (CL24100)

Global Branches.



Headquarters.

CHINA
Wuhan Jiangnan Economic Development Zone
Wuhan, China
sales-wh@sycain.com

Factory.

CHINA
Wuxi 243 Xitai Rd, Xinwu District,
Wuxi, China
sales-wx@sycain.com

JAPAN
富山 934-0042 Tsururimichi,
イミズ, 富山
sales-jp@sycain.com

CANADA
Vancouver 144A Street,
Surrey, B.C, CA
sales-van@sycain.com

USA
Boston 120 Beacon St,
Somerville, MA
sales-bsn@sycain.com

USA
California 4312 La Cosa Ave,
Fremont, CA
sales-ca@sycain.com

Become a partner.

Are you looking to join SYCAIN as a partner, we'd like to hear from you. Learn more about our Partner Plan [here](#).



Quick Order.

Start using our Quick Order now for a seamless and hassle-free shopping experience, all in one place!



“

Lithium batteries are one of the most advanced rechargeable battery technologies today. With their high energy density, long lifespan, fast charging, and low self-discharge rate, they are the ideal choice for various applications.

SYCAIN New Energy (Wuhan) Co.,Ltd.

Jiangnan Economic Development Zone
Wuhan, China

Tel: +1(769)770 1171

Email: info@sycain.com

SYCAIN EQUIPMENT: <https://www.sycain.com>

SYCAIN LFP BATTERY: <https://www.sycaintech.com>

© 2023 Sycain New Energy (Wuhan) Co.,Ltd. All rights reserved.

*All contents can be changed without prior notice. Version Sep.2023