

Comac technologies



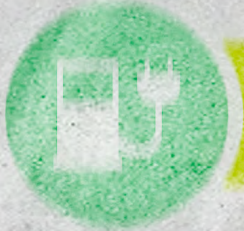
Lithium batteries

Lightweight, these batteries can be recharged whenever desired and are always ready to use

Lithium batteries have made possible a technological leap that is radically changing the operating modes of professional cleaning machines. In fact, they increase productivity by reducing operating costs.

The possibility to make partial charging without compromising the status ensures high performance during each use and makes the floor scrubbers always ready to use. Lightweight and easy to install, lithium batteries adapt well inside of the machines preserving agility and handling. This technology is therefore able to guarantee simple maintenance and greater safety both for the machine and the operator.

Fast recharge



No memory effect



Always ready to use



The technology that allows you to achieve high operational benefits

- Increase machine working time, reducing machine charging time
- The technology they are equipped with generates less heat thanks to a constant voltage over time
- Suitable for operating in hot and cold environments, thanks to their versatility they are the ideal choice for the latest generation machines
- Suitable for multi-shift operations and intensive applications
- Easily transportable because they have a lower weight than traditional batteries
- Minimized maintenance costs for long-term economic benefit
- Increased safety for the operator who does not have to worry about refilling

INCREASED EFFICIENCY IN SHORT TIME:

- Customized charging cycles always guarantee the highest operating level
- Fast and easy charging, thanks to the special fast battery charger in just 30 minutes you will get 50% of the battery capacity
- Partial recharge does not affect battery status
- Longer life cycle especially compared to lead batteries
- Improve energy efficiency: + 30% compared to lead-acid batteries
- Complete availability and flexibility of floor scrubbers that are performing and always ready to use



Comac technology that respects the environment

- The technology behind LiFePO₄ batteries is able to eliminate the risk of explosion caused by shocks, short circuits or energy overloads
- Reduce harmful gas emissions by becoming more sustainable
- Generally free of heavy materials harmful to the environment
- Less frequent disposal due to longer life cycle
- Suitable for a use in sensitive environments such as the food and pharmaceutical industries



LiFePO₄ BATTERIES

There are different types of lithium batteries on the market, distinguished from each other by the material used to build the electrodes, element that also give the name to the battery itself.

These batteries are composed of a series of cells within which the continuous movement of lithium between the electrodes creates energy, that is then stored by a chemical process and made available to the machine.

Comac has chosen LiFePO₄ (lithium-iron-phosphate) batteries for its machines, which are able to maintain a constant voltage over time even when subjected to large operating loads.

If treated correctly, lithium batteries are therefore efficient and safe energy accumulators.



COMAC S.p.A. Via Maestri del Lavoro, 13 - 37059 Santa Maria di Zevio - Verona - ITALY
Tel. 045 8774222 - www.comac.it - com@comac.it

Comac S.p.A. org. cert. ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, SA 8000:2014

