

ENERGON - developer and supplier of energy storage and power generation solutions. It is in the TOP 3 of the largest suppliers of industrial rechargeable batteries. The number of implemented projects in Turkey and the CIS exceeds a thousand.

OUR CLIENTS:



Own production plant near Istanbul. Launched in December 2022.



A COMPLETE BATTERY LINE FOR ALL EQUIPMENT TYPES

12 V to 96 V | 72-2,000 A-h

WHY ASTERION?

Offices in 6 countries

400+ professionals in the team

Sales in over 27 countries

Own Production and testing laboratory

ASTERION batteries are installed in Turkish Ministry of Interior Directorate General of Migration Management, in Baştaş Çimento, Minsk Metro and many other municipal and industrial objects.

ASTERION LI-ION BATTERY SERIES

ASTERION Li-Ion batteries can be applied for all models of mobile warehouse vehicles, cleaning machines and packing equipment.

TOYOTA

KÄRCHER

TCM
by UNICARRIERS

MATERIAL HANDLING

KOMATSU



ghibli & wirbel

HYSTER

Nilfisk

JUNGHEINRICH

comac
professional people

Yale

HELI

CAT

CROWN

TENNANT

STILL

ASTERION LI-ION BATTERY SERIES

TRACTION LI-ION BATTERIES

ASTERION - your reliable partner.

We offer a rent service of Li-Ion traction batteries and Trade-In of Lead-Acid batteries

ENERGON IS YOUR RELIABLE PARTNER

ENERGON

ASTERION LI-ION BATTERY SERIES

Developer and supplier of energy storage and power generation solutions.

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asterion-batt.com.tr

We invite you to take a tour at our production facility.

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ENERGON



The battery service life becomes **77% longer** in case lead-acid is replaced with Li-Ion solution by ASTERION.

SAVING POTENTIAL

ADVANTAGES OF LITHIUM-ION BATTERIES

LONG SERVICE LIFE

The service life over 5 years with complete absence of extra maintenance. This is 2 to 3 times longer than that of lead-acid batteries.

NO MEMORY EFFECT

Interrupted charging is possible during lunch and service breaks as well as shift changes, without degradation of characteristics. Up to 21,5 operating hours of the battery during a day is ensured.

QUICK CHARGING

Charge up to 100% in one or two hours.

COST-SAVING

No battery servicing expenses.

SAFETY

Built-in protection against any contingencies, including unqualified personnel.

SUSTAINABILITY

Zero emissions of hazardous or harmful substances.

Lead-acid batteries

Service life: 1,200-1,500 cycles

Charging: 8-10 hours

Running time: 1,750 charge-discharge cycles*

Li-Ion batteries

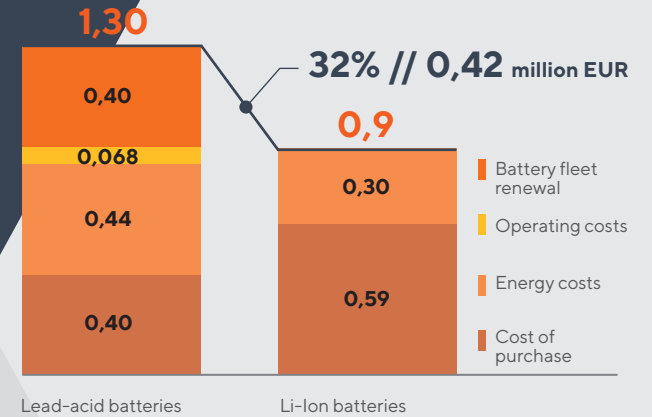
ASTERION

Service life: 3,000-5,000 cycles

Charging: 1-2 hours

Running time: 7,500 charge-discharge cycles

* In case of minimum vibration and shedding of pasted plates



THE TOTAL 5-YEAR BATTERY OWNERSHIP COST, 14850 EUR (using an example of a warehouse-machinery fleet consisting of 40 units)

- + Reduction of costs for maintenance and constriction of a battery room
- + Reduction of costs for battery redundancy: one lithium-ion battery is required in place of two lead-acid ones
- + Reduction of energy costs:
 - > battery charging losses are 30 % lower
 - > reduction of costs for power supply of a supply-and-exhaust system for a battery room
- + Reduction of costs for battery maintenance:
 - > no expenses for consumables
 - > staff cutdown
- + Reduction of costs for renewal of lead battery sets as they fail

LITHIUM-ION BATTERIES FOR WAREHOUSE EQUIPMENT



- Electric carts
- Stackers
- Pallet transporters
- Loaders
- Reach trucks
- Narrow-aisle stackers
- Crane elevators
- Scissor elevators



12 V / 24 V / 36 V / 48 V / 60 V / 72 V / 80 V / 96 V

LITHIUM-ION BATTERIES FOR CLEANING EQUIPMENT



- Floor scrubbers
- Floor sweepers



LITHIUM-ION BATTERIES FOR SPECIAL EQUIPMENT

- Pallet packers
- Pallet wrappers
- Ice resurfacers



ASTERION LI-ION BATTERIES WILL MAKE YOUR EQUIPMENT READY FOR OPERATION AT ANY TIME!

CUT YOUR EXPENSES UP TO 40% WITH ASTERION LI-ION BATTERIES.