

SYSTEM COMPONENTS

Battery unit

IBOMADE's battery unit with lithium-iron-phosphate (LiFePO₄) is eco-friendly, durable and completely maintenance-free.

Product page with references and contact: www.ibomade.de/en/battery-unit/

Technical data

FEATURE	VALUE
Cell chemistry	Lithium-iron-phosphate (LiFePO ₄)
Nominal voltage	25.6 V
Battery capacity / autonomy	180 Ah
Charging cycles	more than 2,000
Temperature range	Operating range –20 to +60 °C
Weight	31 kg
Equipment	LCD display of the battery voltage, integrated protection circuit

Frequently asked questions**How many charging cycles does the battery last?**

Around 2,000 charges are possible without loss of capacity, intermediate charges even without limit.

In which temperature range does the battery operate?

The operating range is between minus 20 and plus 60 degrees.

Is the battery maintenance-free?

Yes. Battery changes and refilling of fluid are completely eliminated; an LCD display shows the battery voltage.

How heavy is the battery unit?

It weighs 31 kg and has carrying straps for transport.

Which battery technology is used?

Lithium-iron-phosphate batteries (LiFePO₄). They are free of heavy metals and toxic acids and short-circuit proof.