

VELOX MAX



MAXIMUM PERFORMANCE FORKLIFT BATTERY

PRODUCT DESCRIPTION

Meet VeloxMax, the pinnacle of performance within the Velox Ecosystem, designed for the most demanding forklift applications. Designed for operations with limited plug-in time—as little as 30 minutes per shift—or equipped for wireless charging, VeloxMax ensures uninterrupted productivity without compromise.

With an impressive 5,000+ cycle life, fast high-intensity charging, and an advanced modular design, VeloxMax is built for applications where downtime is not an option. Fully compatible with Velox Power Cloud, it offers real-time monitoring and OTA updates, keeping your fleet connected and efficient.

Unleash peak power, ultimate convenience, and seamless integration with VeloxMax, the go-to solution for high-intensity, fast-paced environments.

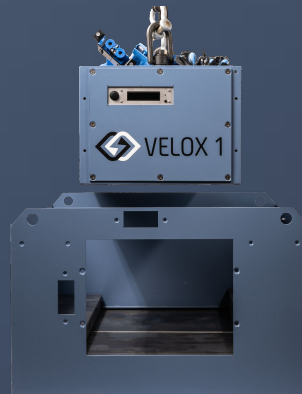
FUTURE PROOF

MODULARITY

Our eBOX and wBOX are standardized and interchangeable. They adapt to the evolution of your power demand and your lift truck compartment, allowing you to navigate among our segmented battery series: VeloxFlex, VeloxPlus, and VeloxMax.



eBOX 1 -> Class I



eBOX 1 -> Class II

MAIN FEATURES

FAST CHARGING

Up to 1,200A of charging

MODULAR

Personalized energy designs

ONLINE

OTA cloud monitoring

UPGRADABILITY

Compatible module between series

ECOSYSTEM

Compatible with Velox forklift Ecosystem

DURABILITY

Rugged steel design

VELOX MAX



SPECIFICATIONS

POWER

Charge connector/port	1-4x EURO500FK (LV500)
Input power/max charging current	Maximum 1,200A
Available output voltage	24.0V / 36V / 48V / 80.0V
Output protection	1,200 ADC fuse
Available battery capacity	200Ah to 1,600Ah

ALARM OUTPUT

Alarm output	1x Remote buzzer ; 1x Integrated speaker alarm
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GENERAL CHARACTERISTICS

Lithium cells	NMC Cell technology, compliant with UL2580
Compatible devices	RHL-SOC-SCREEN; RHL-HYG, RHL-COMBILIFT

PHYSICAL SPECIFICATIONS

Casing material	Steel housing
Dimensions (W x D x H)	Made to forklift dimensions
Weight	Minimum truck weight +1,5%. Additional weight available

BMS PROTECTION

Protection settings	Over current, voltage, temperature, humidity, current sensor, short circuit, contactor cycle, cell count, high charging current
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PHYSICAL INTERFACES (PORTS, LED, BUTTONS)

Power out (discharging)	Made to forklift specs
Status LEDs	1 x 10 LED indicator
Switch	ON/OFF push button
CAN truck	Available if the forklift OEM can provide the protocol
Power in (location)*	A standard

POWER IN

