

VELOX ECOSYSTEM

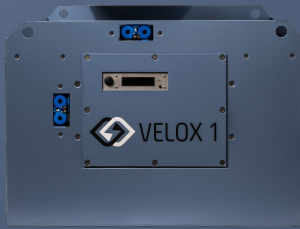


YOUR FUTURE-READY FORKLIFT ENERGY ECOSYSTEM

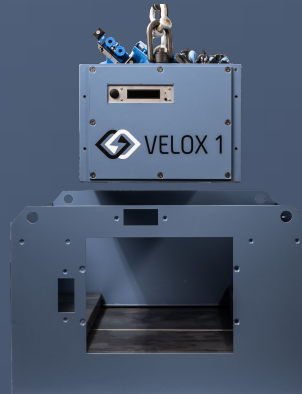
eBOX & wBOX

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

OMNI CHARGING STATION

UNIVERSAL

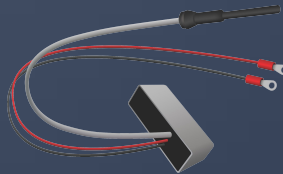
OUTPUT: Our OMNI charging station is compatible with all standard automatic output voltages from 12 to 96Vdc, with available output power ranging from 12kW to 72kW.

INPUT: Our OMNI charging station is dual input voltage, 3x 600/480Vac or 3x 480/240Vac.

MULTI-CHEMISTRY: Our OMNI charging station is automatically compatible with our Velox Li-Ion batteries as well as traditional lead acid Flooded/TPPL/GEL/AGM that are equipped with our BMOD battery module.



Included stand & pogo



BMOD for traditional Flooded/TPPL/GEL/AGM

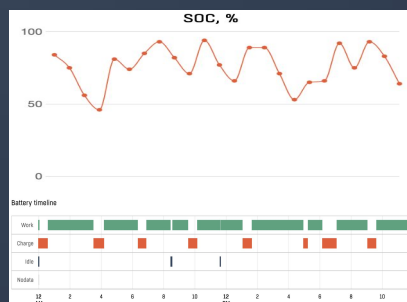


IP67 Harsh Environment Ready

VELOX POWER CLOUD

DATA DRIVEN

CONNECTED: The Velox Power Cloud delivers powerful data insights and seamless integration, empowering managers to optimize operations, reduce energy costs, and plan future battery needs. With our support team and OTA updates, your fleet stays at peak performance. Included with all Velox battery Series.



State	Start time	End time	Start SOC, %	End SOC, %
Charge	00:01:03	00:34:34	48	90
Charge	03:29:53	04:10:47	38	84
Charge	06:20:52	06:53:01	69	100
Charge	08:33:46	10:08:31	63	100
Charge	13:03:13	13:38:25	62	100
Charge	16:56:23	17:13:46	43	88
Charge	18:09:11	19:04:20	56	100
Charge	21:02:20	21:36:29	65	98

VELOX FLEX. PLUS. MAX.



FORKLIFT BATTERIES SERIES SELECTOR

VELOX BATTERIES SERIES

Series

Intercompatible

VeloxFlex

Flexible, economical

VeloxPlus

Performance plus

VeloxMax

Maximum performances

Max daily

Motor hours

12h/day

Motor hours

20h/day

Motor hours

22h/day

Motor hours

Max charging

Charging time 5-95%

300 amps

Under 60 minutes

400 amps

Under 60 minutes

1,200 amps

Under 30 minutes

Cycle life

80% DoD, 77F

4,000+

Cycles

6,000+

Cycles

5,000+

Cycles

Velox Cloud

Connectivity type

Included

WiFi

Included

WiFi, cellular optional,
updates via OTA

Included

WiFi, cellular optional,
updates via OTA

Li chemistry

Format

LFP

Prismatic

LFP

Prismatic

NMC

Prismatic

Price factor

vs flooded Lead Acid
(/2 for TPPL)

2x

Average

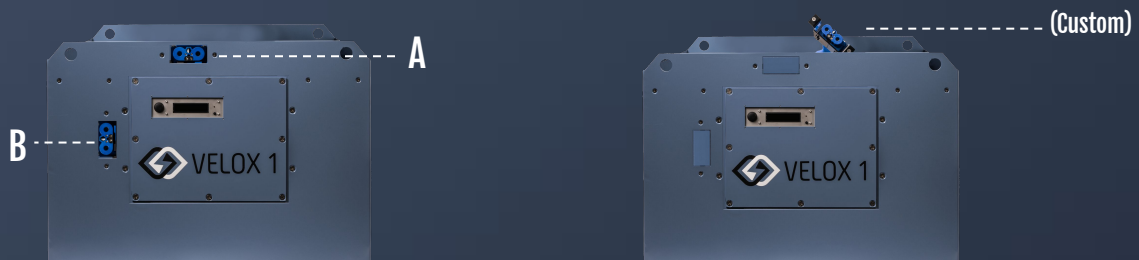
4x

Average

6x

Average

POWER IN



Optimizing charging stations and ports placement is key for successful integration.

VELOX COMPACT. OMNI.



FORKLIFT CHARGERS SERIES SELECTOR

CHARGING STATIONS



Series

Intercompatible

COMPACT

Compact, economical

OMNI

Maximum reliability

Suggested for

Cost

Wall mount – Dust

\$

Longevity

\$\$\$

Max charging

Current

300 amps

Max output @96Vdc

600 amps

Max output @57Vdc

Output voltages

Compatibility

36<->96Vdc

Automatic

12<->96Vdc

Automatic

Input voltage

Alternate options

3x 480Vac

3x 600Vac, 1x 120Vac

3x 600/480Vac

3x 480/240Vac, 1x 240/208Vac

Cabinet rating

Option

IP67

Harsh environment

IP20 (indoor)

IP54 (outdoor) available

Multi-chemistry

Li-Ion to Lead Acid (auto)

Not available

Manual settings possible*

Automatic w/ BMOD

Flooded/AGM/GEL/TPPL

Warranty

Expected lifespan

3Y 100%

8-10 years

5Y 100%–10Y power

20-25 years

VELOX POWER CLOUD



TAKE CONTROL OF YOUR FORKLIFT POWER

MONITOR FLEETS

Create fleets

MAX POWER

kWh monitoring

OTA UPDATES

VeloxPlus updates via OTA

SoH OVERVIEW

State of Health

SoC OVERVIEW

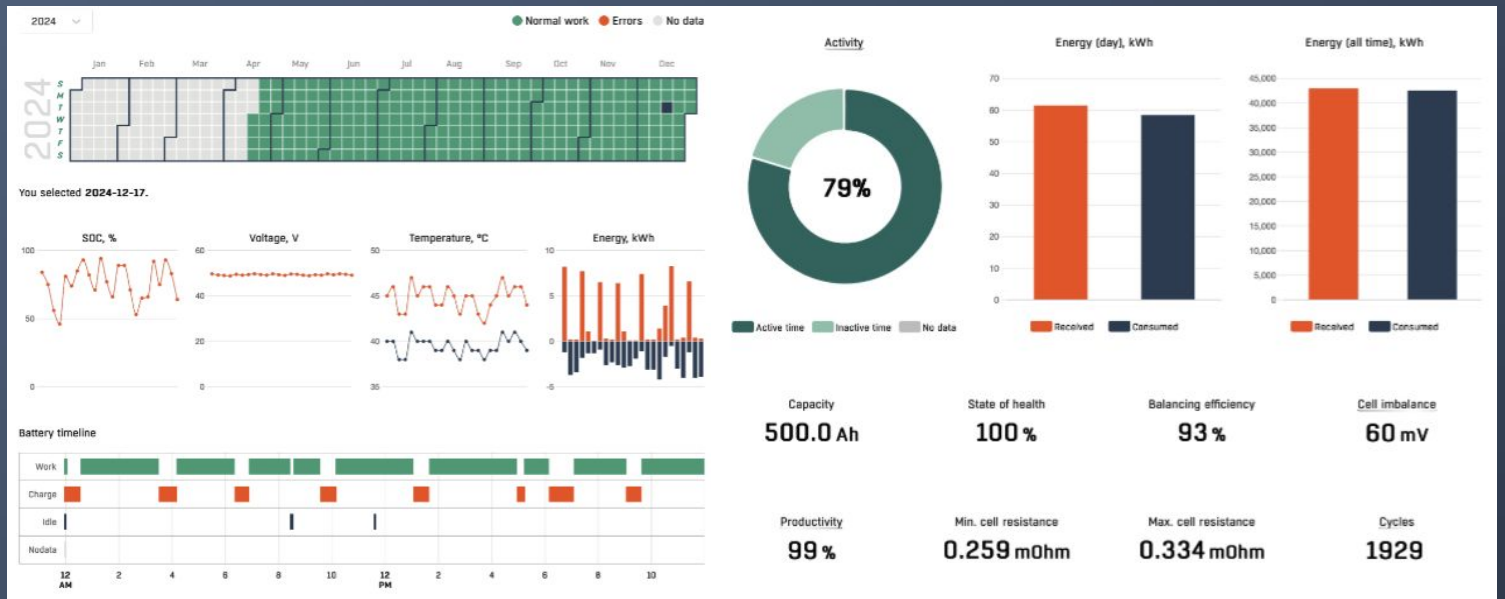
State of Charge

CYCLES OVERVIEW

Rugged steel design



GENERAL OVERVIEW



ADVANCED PLOTS

