

GECI FLEX.

FLEXIBLE, ECONOMICAL LITHIUM BATTERIES



PRODUCT DESCRIPTION

// Experience the future of forklift power with GECI Flex.

Delivering exceptional value and performance. Engineered for flexibility and efficiency, it's the ideal solution for businesses seeking to upgrade from traditional energy systems without compromising on cost-effectiveness.

With a price point twice that of flooded lead-acid batteries and comparable to Thin Plate Pure Lead (TPPL) options, VeloxFlex stands out by offering four times the cycle life. This ensures long-term reliability and reduced total cost of ownership, making it a superior investment for high-demand operations.

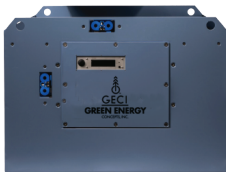
Featuring up to 300A fast charging, modular design, and seamless integration with all GECI components, GECI Flex is built for today's challenges and tomorrow's opportunities. Equipped with advanced CLOUD monitoring and a rugged steel design, it combines cutting-edge technology with the durability you can trust.

Choose GECI Flex for unmatched performance, compatibility, and value.

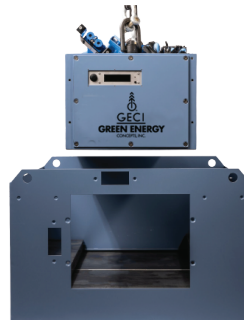
FUTURE PROOF

MODULARITY

// Our eBOX modules and wBOX counterweights are standards, so you can evolve between our segmented battery series FLEX, PLUS, MAX. As well as interchangeable counter weight as you trucks compartments and power demand evolves.



eBOX01 - Class I



eBOX01 - Class II

FAST CHARGING

Up to 300A of charging

ONLINE

OTA cloud monitoring

ECOSYSTEM

Compatible with GECI Forklift Ecosystem

MODULAR

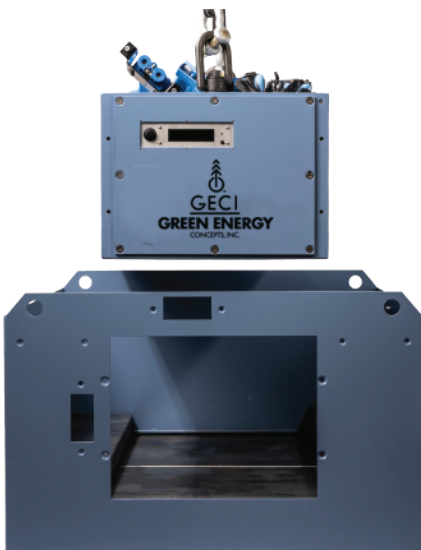
Personalized Energy designs

UPGRADABILITY

Compatible Module Between Series

DURABILITY

Rugged Steel Design



SPECIFICATIONS // GECI Flex.

POWER

Charge Connector/ Port	1 x EURO500FK (LV500)
Input Power/ Max Charging current	MAX 300A
Avail Output Voltage	24.0/38.4/51.2/80.0V
Output Protection	500 ADC Fuse
Avail Battery Capacity	302/604AH

ALARM OUTPUT

Alarm Output	1 x Remote Buzzer ; 1 x Integrated Speaker Alarm
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GENERAL CHARACTERISTICS

Lithium cells	LiFePo4 Cell Technology, compliant with UL1642
Compatible Devices	RHL-SOC-SCREEN; RHL-HYG, RHL-COMBILIFT

PHYSICAL SPECIFICATIONS

Casing Material	Steel Housing, IP5X
Dimensions (W x D x H)	Made to forklift dims
Weight	Min truck weight +1,5%, additional weight avail.

BMS PROTECTION

Protection settings	OverCurrent, Voltage, Temperature,, Humidity, Current Sensor, ShortCircuit, Contactor Cycle, CellCount, 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 forklift OEM can provide protocol
Power IN (Location)*	A standard

GECI CLOUD MONITORING

TAKE CONTROL OF YOUR FORKLIFT POWER



MONITOR FLEETS

Create Fleets

MAX POWER

kWh Monitoring

OTA UPDATES

Velox Plus updates OTA

SoH OVERVIEW

State of Health

SoC OVERVIEW

State of Charge

CYCLES OVERVIEW

Rugged Steel Design



GENERAL OVERVIEW



ADVANCED PLOTS

