

# ELivate

24V Forklift Battery System  
*Powered by Lithium-ion Ceramic Technology*



# E Livate

## 24V System Advantages

- Lithium-ion ceramic cell technology (LITACELL®) provides industry-leading cycle life & safety
- Matches weight of lead-acid battery equivalents for drop-in replacement
- Capable of full recharge in one hour with higher charging efficiency than lead-acid
- No scheduled maintenance, no watering
- Cost reductions vs. competing power technologies
- Higher productivity due to longer drive time between duty cycles, no battery swapping

24V System Specifications	
Configuration	24V2S
Battery Technology	LITACELL LC-40 (NMC)
Battery Capacity	480Ah
Voltage Range	21-29 V
Total Energy Nominal	12.3.0 kWh
Usable Energy Nominal	11.0 kWh
Charging Time	1 Hour fast charge capability
Operational Temperature	Discharge: -30°C to 50°C / Charge 0°C to 45°C
Cycle Life	Up to 9,000 cycles
Dimensions (LxWxH)	31.0" x 13.0" x 30.0" (788 mm x 330 mm x 762 mm)
Weight	~ 1000 lbs (454 kg)
Warranty	6 years extendable to 10 years
WiFi Communication	Enabled for remote monitoring and data logging
Charger	Compatible with most chargers; CANBus & WiFi charger control
Connector	Euro Style or REMA



Email: [elivate@electrovaya.com](mailto:elivate@electrovaya.com)  
Phone: +1.905.855.4610  
Web: [www.electrovaya.com](http://www.electrovaya.com)



Email: [info@litarion.com](mailto:info@litarion.com)  
Phone: +49.3578.3735.9554  
Web: [www.litarion.com](http://www.litarion.com)