

24V Forklift Battery System

Powered by Lithium-ion Ceramic Technology



Advantages

- Industry leading cycle life, safety and power performance
- Higher productivity due to longer drive time between duty cycles, no battery swapping
- Full recharge in one hour with UberCharge
- Drop-in replacement to lead acid batteries
- Cost reductions vs. competing power technologies (lead acid, fuel cell, propane, diesel)

ELivate

24V Lithium Ion (Ceramic) Forklift Battery Systems

Specifications

Model	NA24V1S264C9A	NA24V1S264C12A	NA24V2S528C12A	NA24V1S264C12B	NA24V2S528C12B	NA24V1S264C12C	NA24V2S528C12C
Dimensions (L x W x H) (in)	26.5 x 8.85 x 32*	30.6 x 12.7 x 29.7	36.1 x 12.7 x 29.7	36.1 x 12.7 x 29.7	36.1 x 12.7 x 29.7	36.1 x 13.9 x 29.7	
Min. Weight (lbs)	290* with on-board charger	1,050	1,550	1,550	1,550	1,600	
Battery Capacity (Ah)	264	264	528	264	528	264	528
Total Energy Nominal (kWh)	6.7	6.7	13.5	6.7	13.5	6.7	13.5
Voltage Range (V)	22.8 - 28.0						
Battery Technology	Electrovaya EV44 (NMC with ceramic separator for safety)						
Charging Time	1 hour fast charge capability**						
Operational Temperature	Discharge: -30 °C to 50 °C / Charge 0 °C to 45 °C Discharge: -22 °F to 122 °F / Charge: 32 °F to 113 °F						
Cycle Life	Up to 9000 cycles***						
WiFi Communication	Enabled for remote monitoring and data logging						
Charger	Compatible with Electrovaya's UberCharge and other approved chargers; CANBus and WiFi charger control						
Warranty	6 years extendable to 10 years						

* Preliminary specifications

** May vary with charger and battery configuration

*** May vary with state-of-charge, temperature and rate



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