

ELivate

48V Lithium-ion Ceramic Battery
Powered by Lithium-ion Ceramic Technology



ELivate

48V 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

System Specifications			
Configuration	48V4S	48V3S	48V2S
Battery Technology	LITACELL LC-40		
Battery Capacity	960 Ah	720 Ah	480 Ah
Voltage Range	42-58 V		
Total Energy Nominal	49 kWh	36.7 kWh	24.5 kWh
Usable Energy Nominal	44 kWh	33 kWh	22.3 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 9000 cycles		
Dimensions (LxWxH)	38.7" x 38.2" x 22.6" (984mm x 970mm x 574mm)	38.2" x 29.7" x 22.6" (971 mm x 755 mm x 574 mm)	30.7" x 20.5" x 22.6" (781 mm x 522 mm x 574 mm)
Weight	4850 lbs (2200 kg)	3070 lbs (1393 kg)	2130 lbs (968 kg)
Warranty	6 years extendable to 10 years		
WiFi Communication	Can operate remote monitoring and data logging		
Charger	Compatible with most chargers; CANBus & WiFi charger control		
Connector	Euro Style		



Email: elivate@electrovaya.com
 Phone: +1.905.855.4610
 Web: www.electrovaya.com



Email: info@litarion.com
 Phone: +49.3578.3735.9554
 Web: www.litarion.com