

UPGRADE YOUR OLD FORKLIFT WITH LATEST LITHIUM BATTERY



Take pride in your *environment*

Lithium
Power

Join the *revolution*

5 YEARS
WARRANTY



Efficient



Sustainable



Powerful



Eco-Friendly

BRAND NEW LITHIUM BATTERY WITH 5 YEAR WARRANTY
8-10 YEAR LIFE TIME WITH ZERO MAINTENANCE
QUICK RECHARGING & FREE INTSTALLATION SERVICES
LONG TERM RENTAL SERVICES & RENT-TO-OWN OPTIONS AVAILABLE

CONTACT US

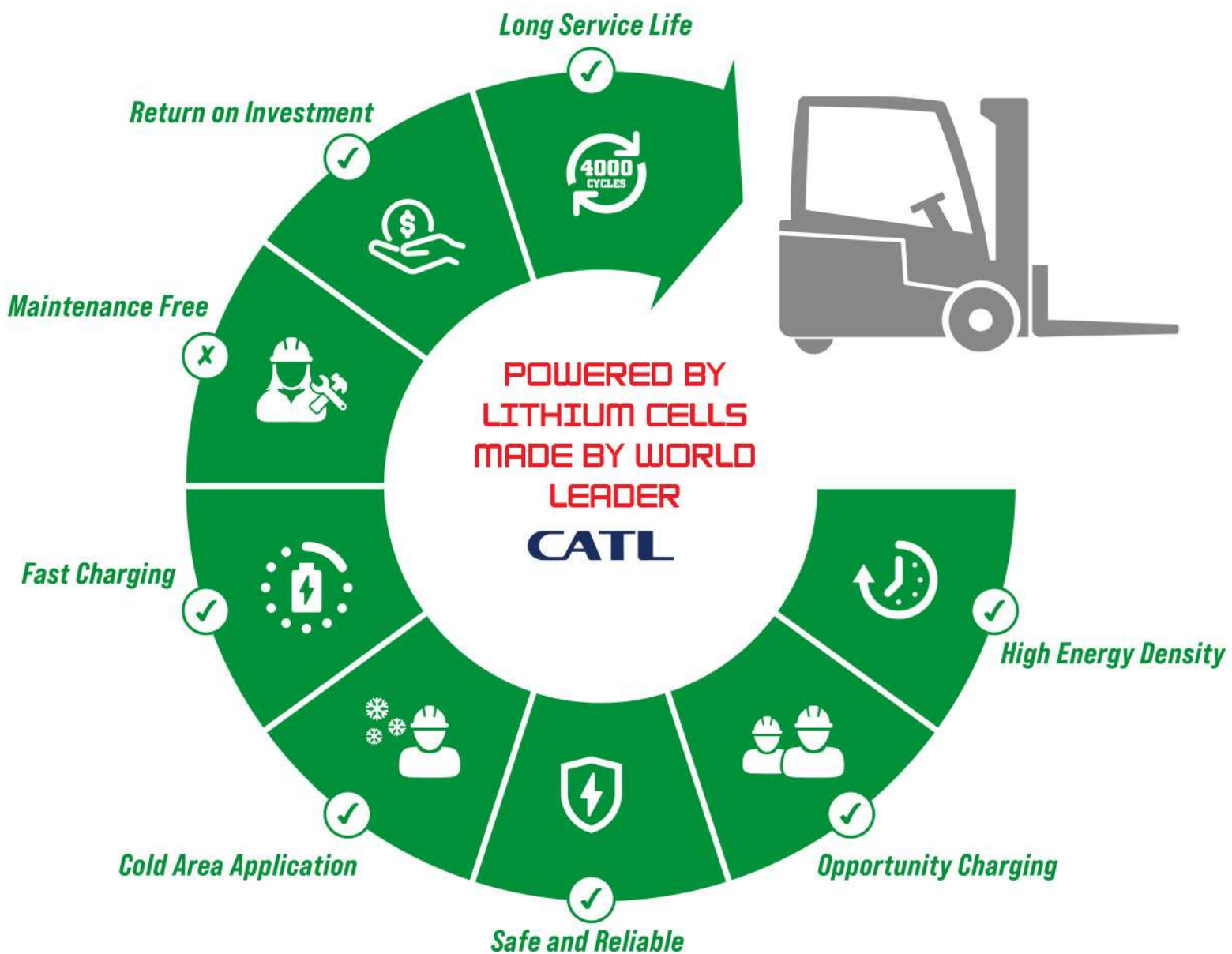
Email: info@voltexbattery.com

Helpline: +971-50 55 89322



www.voltexbattery.com

LITHIUM - ION BATTERY ADVANTAGES



CELLS QUALITY & CAPCITY

Use only the highest quality batteries



Battery Cell selection



3.2V 50AH



3.2V 100AH



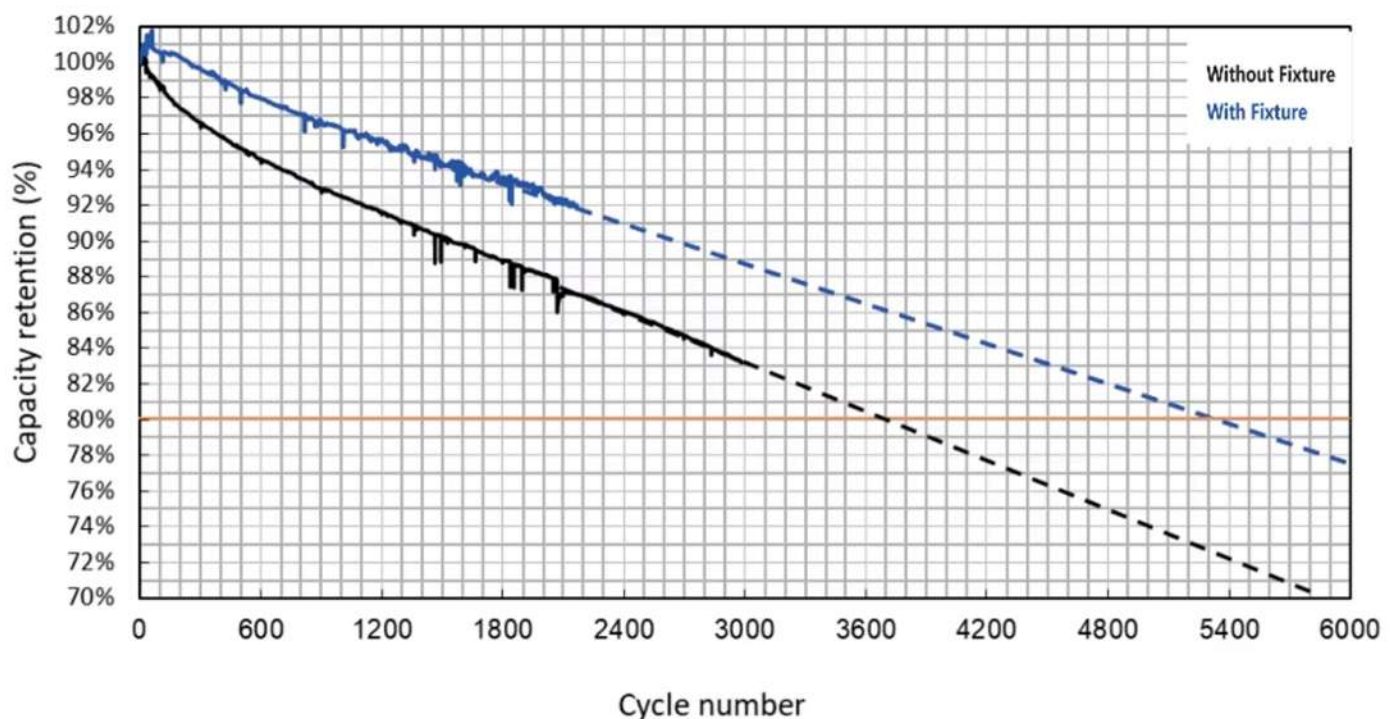
3.2V 277AH



3.2V 6AH

Capacity Drop Vs Usage

Cycle life @25°C 1C/1C 2.5V-3.65V



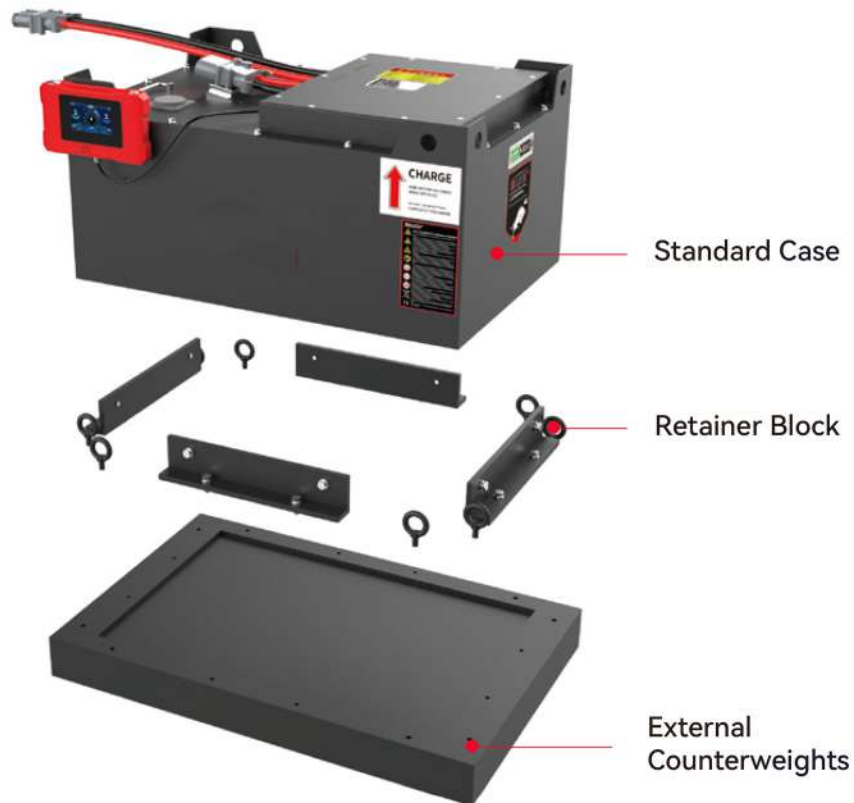
WHAT IS INSIDE THE BATTERY BOX

① Black box technology with counterweight placed at the bottom

Your next truck might have a different compartment? Simply update your weight module to fit the new dimensions, weight and most optimized charge socket location.

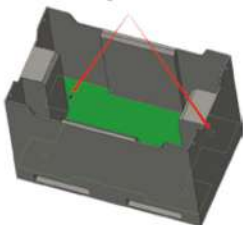
Standard options

Relay remote solution, magnetic touch screen, charging and discharging interface, discharging Anderson 350, charging REMA320, charging relay 300A, discharging relay 600A.

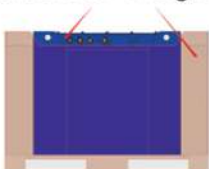


② A counterweight technology is placed around the black box

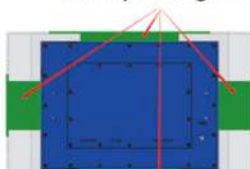
Distribution Box And Drainage Hole



Standard Box Weight Box



Clump Weight



Your next truck might have a different compartment? Simply update your weight module to fit the new dimensions, weight and most optimized charge socket location.

DISPLAY SYSTEM & SAFETY

Superior Power & Optimal Performance

The latest 4.3 inch magnetic screen



Battery Management System (BMS)

The built-in BMS is equipped with automotive-grade components assuring safety, top quality and high energy density to provide a fully optimized solution for demanding industrial applications.

BMS software ensures the battery provides peak performance when in operation, delivers longer run time between charges, maximizes the total battery lifespan and to communicate well between the charger, battery and users.



The BMS can offer:

All-time Cell Balancing and Battery Management.

Through intelligent balancing strategy, the BMS can always maintain the consistency of the cells and realize the balance between individual cells.

Battery Real-time Monitoring and Communication Through CAN.

Monitoring cell voltage, electric current and battery temperature so that any movement outside the normal range disconnects the cell or the entire battery.

Fault Alarm and Safety Protection.

When the battery is less than 10%, it will beep to prompt for charging, over/under voltage, low/over temperature, over current or other faults will prompt to make the battery safe. Safety always comes first.

BATTERY SPECIFICATIONS

Model	Nominal voltage	Nominal capacity	Stored energy	Dimensions (mm)	Number of module methods	Standard case weight	Casing material	IP rating
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24V system

MTEV 25.6-100	25.6V	100Ah	2.56kWh	Support Customized	1P*8S*1	42kg(88.18lbs.)	Steel	IP65
MTEV 25.6-135		135Ah	3.46kWh		1P*8S*1	62kg(136.69lbs.)		
MTEV 25.6-205		205Ah	5.25kWh		1P*4S*2	80kg(176.37lbs.)		
MTEV 25.6-230		230Ah	5.89kWh		1P*8S*1	85kg(187.39lbs.)		
MTEV 25.6-280		280Ah	7.17kWh		1P*8S*1	97kg(213.85lbs.)		
MTEV 25.6-304		304Ah	7.78kWh		1P*8S*1	102kg(224.87lbs.)		
MTEV 25.6-410		410Ah	10.50kWh		2P*4S*2	142kg(313.06lbs.)		
MTEV 25.6-460		460Ah	11.78kWh		2P*4S*2	156kg(343.92lbs.)		
MTEV 25.6-560		560Ah	14.34kWh		2P*4S*2	181kg(399.04lbs.)		
MTEV 25.6-608		608Ah	15.56kWh		2P*4S*2	190kg(418.88lbs.)		
MTEV 25.6-615		615Ah	15.74kWh		3P*4S*2	191kg(421.08lbs.)		
MTEV 25.6-690		690Ah	17.66kWh		3P*4S*2	210kg(462.97lbs.)		
MTEV 25.6-840		840Ah	20.99kWh		3P*2S*4	244kg(537.93lbs.)		
MTEV 25.6-920		920Ah	23.55kWh		4P*2S*4	270kg(595.25lbs.)		
MTEV 25.6-1120		1120Ah	28.67kWh		4P*2S*4	317kg(698.87lbs.)		

36V system

MTEV 38.4-100	38.4V	173Ah	6.64kWh	Support Customized	1P*12S*1	108kg(238.10lbs.)	Steel	IP65
MTEV 38.4-205		205Ah	7.87kWh		1P*12S*1	122kg(268.96lbs.)		
MTEV 38.4-230		230Ah	8.83kWh		1P*12S*1	129kg(284.40lbs.)		
MTEV 38.4-280		280Ah	10.752kWh		1P*6S*2	148kg(326.28lbs.)		
MTEV 38.4-304		304Ah	11.67kWh		1P*6S*2	155kg(341.72lbs.)		
MTEV 38.4-346		346Ah	13.29kWh		2P*4S*2	171kg(376.99lbs.)		
MTEV 38.4-410		410Ah	15.744kWh		2P*4S*3	204kg(449.74lbs.)		
MTEV 38.4-460		460Ah	17.664kWh		2P*4S*3	219kg(482.81lbs.)		
MTEV 38.4-560		560Ah	21.504kWh		2P*4S*3	261kg(575.41lbs.)		
MTEV 38.4-615		615Ah	23.616kWh		3P*4S*3	281kg(619.50lbs.)		
MTEV 38.4-690		690Ah	26.496kWh		3P*4S*3	301kg(663.59lbs.)		
MTEV 38.4-820		820Ah	31.488kWh		2P*4S*6	344kg(758.39lbs.)		
MTEV 38.4-920		920Ah	35.328kWh		4P*2S*6	403kg(888.46lbs.)		
MTEV 38.4-1120		1120Ah	43.01kWh		4P*2S*6	481kg(1060.42lbs.)		

48V system

MTEV 51.2-205	51.2V	205Ah	10.50kWh	815*406*500	1P*8S*2	145kg(319.67lbs.)	Steel	IP65
MTEV 51.2-230		230Ah	11.78kWh	907*415*610	1P*8S*2	154kg(339.51lbs.)		
MTEV 51.2-280		280Ah	14.336kWh		1P*8S*2	179kg(394.63lbs.)		
MTEV 51.2-304		304Ah	15.565kWh		1P*8S*2	190kg(418.88lbs.)		

BATTERY SPECIFICATIONS



Model	Nominal voltage	Nominal capacity	Stored energy	Dimensions (mm)	Number of module methods	Standard case weight	Casing material	IP rating
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48V system

MTEV 51.2-410	51.2V	410Ah	20.992kWh	815*540*400	2P*4S*4	366kg(806.89lbs.)	Steel	IP65
MTEV 51.2-460		460Ah	23.552kWh		3P*4S*4	372kg(820.12lbs.)		
MTEV 51.2-560		560Ah	28.672kWh	815*668*400	2P*4S*4	477kg(1051.60lbs.)		
MTEV 51.2-608		608Ah	31.13kWh		2P*4S*4	487kg(1073.65lbs.)		
MTEV 51.2-560		560Ah	28.672kWh	748*612*595	2P*4S*4	383kg(844.37lbs.)		
MTEV 51.2-608		608Ah	31.13kWh		2P*4S*4	393kg(866.42lbs.)		
MTEV 51.2-615		615Ah	31.488kWh	815*770*400	3P*4S*4	537kg(1183.88lbs.)		
MTEV 51.2-690		690Ah	35.328kWh		3P*4S*4	547kg(1205.93lbs.)		
MTEV 51.2-820		820Ah	41.984kWh	Support Customized	4P*4S*4	468kg(1031.76lbs.)		
MTEV 51.2-920		920Ah	47.104kWh		4P*2S*8	527kg(1161.84lbs.)		
MTEV 51.2-1120		1120Ah	57.344kWh		4P*2S*8	629kg(1386.71lbs.)		

72V system

MTEV 76.8-410	76.8V	410Ah	31.488kWh	Support Customized	3P*4S*6	417kg(919.33lbs.)	Steel	IP65
MTEV 76.8-460		460Ah	35.328kWh		3P*4S*6	448kg(987.67lbs.)		
MTEV 76.8-560		560Ah	43.008kWh		2P*4S*6	516kg(1137.59lbs.)		
MTEV 76.8-615		615Ah	47.23kWh		3P*4S*6	558kg(1230.18lbs.)		
MTEV 76.8-690		690Ah	52.99kWh		3P*4S*6	639kg(1408.76lbs.)		

80V system

MTEV 83.2-205	83.2V	205Ah	17.06kWh	Support Customized	1P*8S*2+1P*10S*1	204kg(449.74lbs.)	Steel	IP65
MTEV 83.2-230		230Ah	19.14kWh		1P*8S*2+1P*10S*1	220kg(485.02lbs.)		
MTEV 83.2-280		280Ah	23.296kWh		1P*4S*6+1P*2S*1	284kg(626.11lbs.)		
MTEV 83.2-304		304Ah	25.293kWh		1P*4S*6+1P*2S*1	322kg(709.89lbs.)		
MTEV 80-410	80V	410Ah	32.8kWh	1015*630*400	3P*4S*6+3P*2S*1	528kg(1164.04lbs.)		
MTEV 80-460		460Ah	36.8kWh		2P*4S*6+3P*2S*1	538kg(1186.09lbs.)		
MTEV 80-460		560Ah	44.8kWh	1015*810*400	2P*4S*6+2P*2S*1	650kg(1433.00lbs.)		
MTEV 80-608		608Ah	48.64kWh			660kg(1455.05lbs.)		
MTEV 83.2-615	83.2V	615Ah	51.168kWh	780*750*570	2P*4S*6+2P*2S*1	668kg(1472.69lbs.)		
MTEV 83.2-519		519Ah	57.408kWh		3P*2S*13	684kg(1507.96lbs.)		
MTEV 83.2-820		820Ah	68.224kWh	Support Customized	3P*4S*6+3P*2S*1	817kg(1801.18lbs.)		
MTEV 83.2-920		920Ah	76.544kWh		3P*2S*13	948kg(2089.98lbs.)		
MTEV 83.2-1120		1120Ah	93.184kWh		4P*2S*13	1136kg(2504.45lbs.)		
MTEV 83.2-1380		1380Ah	114.82kWh		4P*2S*13	1370kg(3020.33lbs.)		

Note: Assembled battery container size & Weight will vary as per Forklift Brand & Model requirements. Contact us for more details.