



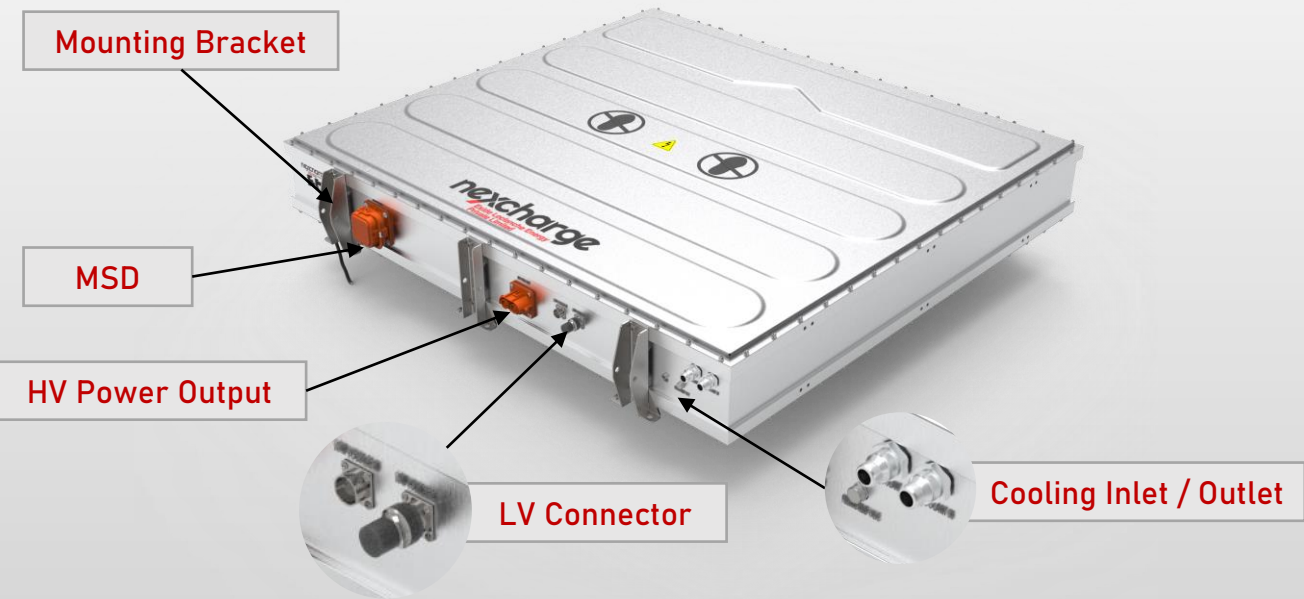
nexcharge
Exide Leclanché Energy
Private Limited



Bus, Railway & Off-Highway

Battery Solutions

Commercial Vehicle Battery Pack – 640V ; 160Ah, 102.4kWh (Roof Top)



Battery Pack Details	
Pack End to End Dimension	
Length	1700 mm
Width	1690 mm
Height	254 mm
Pack Weight approx.	~ 915 ± 20 kgs

Commercial Vehicle Battery Pack – 640V ; 160Ah, 102.4kWh (Roof Top)

STANDARD FEATURES



- Prismatic cell technology and liquid cooled for longer life
- Cells with 3500 cycle life (@ 1C Charge / 1C Discharge at 25°C with 100% DoD)
- Roof top arrangement for space constrained chassis
- AIS 004 & AIS 048 compliant
- AIS 038 Available
- IP67 Ingress Protection
- Communication: CAN 2.0B
- Connector Type: Automotive Grade
- Rugged to withstand vibrations up to 3G

Protection Features: Over Charge, Over Discharge, Cell Balancing, Over temperature, Under temperature, Short Circuit & HVIL

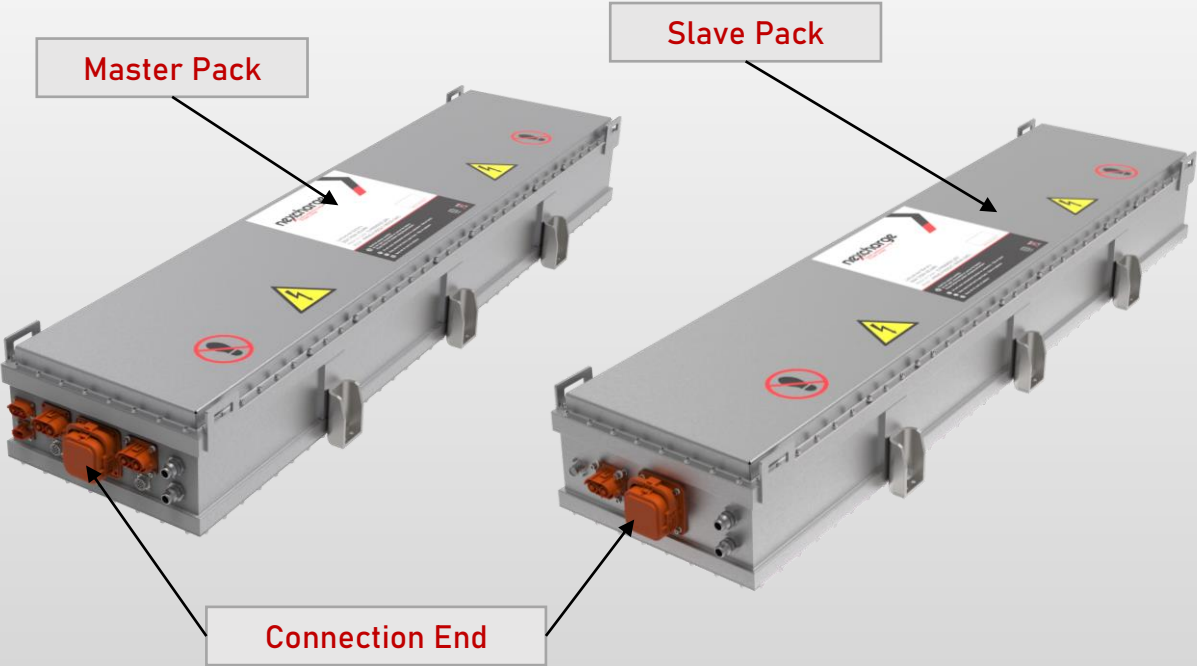
Onboard telematics with anti-theft protection as an optional BMS feature

COMMERCIAL VEHICLE BATTERY PACK SPECIFICATIONS



TECHNICAL SPECIFICATIONS	640V ; 160Ah
Nominal Voltage (V)	640
Max. Voltage (V)	730
Min. Voltage (V)	500
Pack Capacity (Ah)	160
Energy Capacity (kWh)	102.4
Continuous Charge Rate	0.5C
Continuous Discharge Rate	1C
Peak Charge Rate	1C
Peak Discharge Rate	3C for 30 sec
Life Cycle (@ 1C Charge / 1C Discharge at 25°C with 100% DoD)	3500
Operating Charge Temp (°C)	0 to 55
Operating Discharge Temp (°C)	-20 to 55
Weight (In kg)	915 ± 20
Pack Enclosure	Aluminium
Dimensions (in mm)	1700 X 1690 X 254

Commercial Vehicle Battery Pack – 384V ; 210Ah, 80.6kWh (Chassis Mount)



Sub Pack Details	
Pack End to End Dimension	
Length	2100 mm
Width	600 mm (with mounting brackets)
Height	275 mm
Pack Weight approx.	370 ± 20 kgs

Commercial Vehicle Battery Pack – 384V ; 210Ah, 80.6kWh (Chassis Mount)

Master Pack



Slave Pack



STANDARD FEATURES

- › Prismatic cell technology and liquid cooled for longer life
 - › 3500 cycles (@ 1C Charge / 1C Discharge at 25°C with 100% DoD)
 - › Chassis mounted arrangement
 - › AIS 004 & AIS 048 compliant
 - › AIS 038 Available
 - › IP67 Ingress Protection
 - › Communication: CAN 2.0B
 - › Connector Type: Automotive Grade
 - › Rugged to withstand vibrations up to 3G
- Protection Features: Over Charge, Over Discharge, Cell Balancing, Over temperature, Under temperature, Short Circuit & HVIL

Onboard telematics with anti-theft protection as an optional BMS feature

COMMERCIAL VEHICLE BATTERY PACK SPECIFICATIONS



TECHNICAL SPECIFICATIONS	384V ; 210Ah
Nominal Voltage (V)	384
Max. Voltage (V)	438
Min. Voltage (V)	300
Pack Capacity (Ah)	210
Energy Capacity (kWh)	80.6
Continuous Charge Rate	0.5C
Continuous Discharge Rate	0.3C
Peak Charge Rate	1C
Peak Discharge Rate	3C for 30 sec
Life Cycle (@ 1C Charge / 1C Discharge at 25°C with 100% DoD)	3500
Operating Charge Temp (°C)	0 to 55
Operating Discharge Temp (°C)	-20 to 55
Weight (In kg)	370 ± 20
Pack Enclosure	Aluminium
Dimensions (in mm)	2100 X 600 X 275



LET'S CONNECT FOR A POWER-PACKED PARTNERSHIP

CONTACT US:



Regd Office: Plot No. 10/1, Kamalpur, NH-08, Prantij- 383205 Sabarkantha Gujarat.



+91 2772-350105



Contact@exideleclanche.com



www.nexcharge.in