



3 WHEELER

Battery Solutions



E-RICKSHAW

51.2V, 80Ah

51.2V, 105Ah



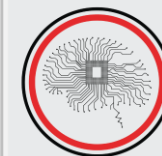
STANDARD FEATURES

- › 4.1 kWh & 5.4 kWh configuration
- › 3500 cycles
(@ 1C Charge / 1C Discharge at 25°C with 100% DoD)
- › Low cost & light weight
- › Ingress protection with IP67
- › Connector Type: Anderson/Amphenol
- › Protection Features: Over Charge, Over Discharge, Over Temperature, Under Temperature, Short Circuit

AVAILABLE IN 2 VARIANTS



PCM configured battery pack
(Non-CAN)



BMS with Bluetooth Connectivity &
CAN 2.0B Communication Protocol

BMS Supports Nexcharge Connect
App

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

E-RICKSHAW: SPECIFICATIONS

TECHNICAL SPECIFICATIONS	51.2V ; 80Ah	51.2V ; 105Ah
Nominal Voltage (V)	51.2	51.2
Max. Voltage (V)	58.4	58.4
Min. Voltage (V)	40	40
Pack Capacity (Ah)	80	105
Life Cycle (@ 1C Charge / 1C Discharge at 25°C with 100% DoD)	3500	3500
Energy Capacity (kWh)	4.1	5.4
Continuous Charge Rate	0.5C	0.5C
Continuous Discharge Rate	0.8C	0.8C
Peak Charge Rate	1C	1C
Peak Discharge Rate	3C for 10 sec	3C for 10 sec
Operating Charge Temp (°C)	0 to 45	0 to 45
Operating Discharge Temp (°C)	-20 to 55	-20 to 55
Weight (In kg)	40 ± 2	45 ± 2
Pack Enclosure	Sheet Metal	Sheet Metal
Dimensions (in mm)	460 X 334 X 250	460 X 334 X 250



E-AUTO

51.2V, 160Ah

51.2V, 210Ah



STANDARD FEATURES

- 8.2 kWh & 10.8 kWh configuration
- 3500 cycles
(@ 1C Charge / 1C Discharge at 25°C with 100% DoD)
- Low cost & light weight
- BMS with Bluetooth connectivity supports Nexcharge Connect App
- Ingress protection with IP67
- Communication: CAN 2.0B
- Connector Type: Anderson/Amphenol
- Protection Features: Over Charge, Over Discharge, Cell Balancing, Over temperature, Under temperature and Short Circuit

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

E-AUTO: SPECIFICATIONS

TECHNICAL SPECIFICATIONS	51.2V ; 160Ah	51.2V ; 210Ah
Nominal Voltage (V)	51.2	51.2
Max. Voltage (V)	58.4	58.4
Min. Voltage (V)	40	40
Pack Capacity (Ah)	160	210
Life Cycle (@ 1C Charge / 1C Discharge at 25°C with 100% DoD)	3500	3500
Energy Capacity (kWh)	8.2	10.8
Continuous Charge Rate	0.5C	0.5C
Continuous Discharge Rate	0.8C	0.8C
Peak Charge Rate	1C	1C
Peak Discharge Rate	3C for 10 sec	3C for 10 sec
Operating Charge Temp (°C)	0 to 45	0 to 45
Operating Discharge Temp (°C)	-20 to 55	-20 to 55
Weight (In kg)	85 ± 3	96 ± 3
Pack Enclosure	Sheet Metal	Sheet Metal
Dimensions (in mm)	687 X 468 X 312	687 X 468 X 312



E-LOADER / L5- APPLICATIONS

51.2V, 240Ah

73.6V, 240Ah



STANDARD FEATURES

- 12.3kWh & 17.7 kWh configuration
- 2000 cycles
(@ 1C Charge / 1C Discharge at 25°C with 100% DoD)
- Low cost & light weight
- BMS with Bluetooth connectivity supports Nexcharge Connect App
- Ingress protection with IP67
- Communication: CAN 2.0B
- Connector Type: Anderson/Amphenol
- Protection Features: Over Charge, Over Discharge, Cell Balancing, Over temperature, Under temperature and Short Circuit

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

E-LOADER: SPECIFICATIONS

TECHNICAL SPECIFICATIONS	51.2V ; 240Ah	73.6V ; 240Ah
Nominal Voltage (V)	51.2	73.6
Max. Voltage (V)	58.4	83.95
Min. Voltage (V)	40	57.5
Pack Capacity (Ah)	240	240
Life Cycle (@ 1C Charge / 1C Discharge at 25°C with 100% DoD)	2000	2000
Energy Capacity (kWh)	12.3	17.7
Continuous Charge Rate	0.5C	0.5C
Continuous Discharge Rate	0.8C	0.8C
Peak Charge Rate	1C	1C
Peak Discharge Rate	3C for 10 sec	3C for 10 sec
Operating Charge Temp (°C)	0 to 45	0 to 45
Operating Discharge Temp (°C)	-20 to 55	-20 to 55
Weight (In kg)	130 ± 5	175 ± 5
Pack Enclosure	Sheet Metal	Sheet Metal
Dimensions (in mm)	1050 X 350 X 285	1220 X 390 X 330



E-LOADER / L5-APPLICATIONS

51.2V, 240Ah
73.6V, 160Ah



STANDARD FEATURES

- 11.8 kWh & 12.3 kWh configuration
- 2000 cycles
(@ 1C Charge / 1C Discharge at 25°C with 100% DoD)
- Compact in size as compared to existing battery packs
- Low cost and light weight
- BMS with Bluetooth connectivity supports Nexcharge Connect App
- Ingress protection with IP67
- Communication: CAN 2.0B
- Connector Type: Anderson/Amphenol
- Protection Features: Over Charge, Over Discharge, Cell Balancing, Over temperature, Under temperature and Short Circuit

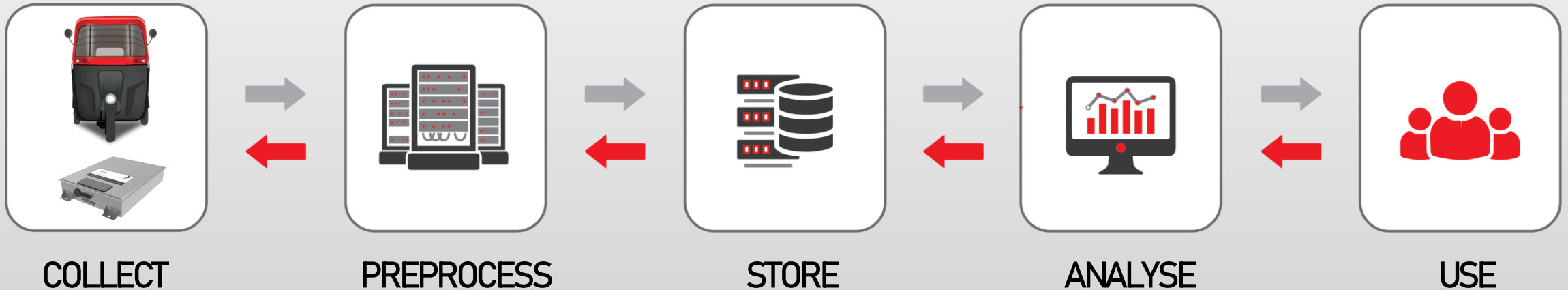
Onboard telematics with anti-theft protection as an optional BMS feature

E-LOADER: SPECIFICATIONS

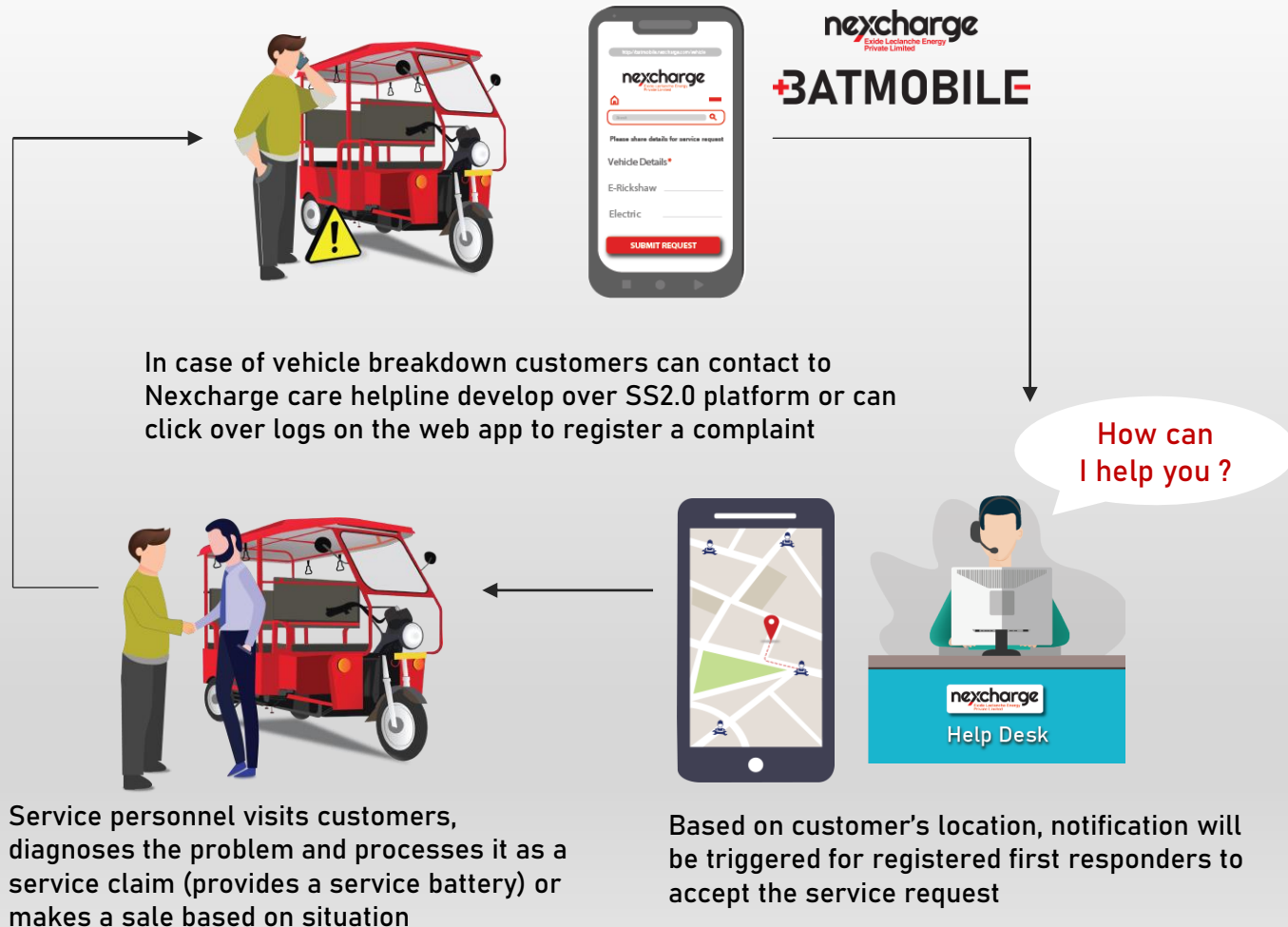
TECHNICAL SPECIFICATIONS	51.2V ; 240Ah	73.6V ; 160Ah
Nominal Voltage (V)	51.2	73.6
Max. Voltage (V)	58.4	83.95
Min. Voltage (V)	40	57.5
Pack Capacity (Ah)	240	160
Life Cycle (@ 1C Charge / 1C Discharge at 25°C with 100% DoD)	2000	2000
Energy Capacity (kWh)	12.3	11.8
Continuous Charge Rate	0.5C	0.5C
Continuous Discharge Rate	0.8C	0.8C
Peak Charge Rate	1C	1C
Peak Discharge Rate	3C for 10 sec	3C for 10 sec
Operating Charge Temp (°C)	0 to 45	0 to 45
Operating Discharge Temp (°C)	-20 to 55	-20 to 55
Weight (In kg)	121 ± 5	116 ± 5
Pack Enclosure	Sheet Metal	Sheet Metal
Dimensions (in mm)	879 X 684 X 165	879 X 684 X 165

REMOTE ACCESS SERVICE

RAS (Remote Asset Services) is a cloud-based software application that is used to monitor, configure, analyze, report & diagnose 3-Wheeler battery packs remotely



AFTER SALES & SERVICE



Key Objectives

- PAN India support – Active in 62 Cities / Locations.
- Reduce customer vehicle off road time to 4 Hours.
- Offer after sales service support to all the OEMs through this platform.
- Make influencers brand ambassadors of Nexcharge

Service will be carried out by **trained technicians** of our dealers.

3-WHEELER BATTERY PACKS



E-Rickshaw

51.2V ; 80Ah

51.2V ; 105Ah



E-Auto

51.2 V ; 160Ah

51.2V ; 210Ah



E-Loader

Normal Variant

Flat Bed Variant

51.2V ;
240Ah

73.6V ;
240Ah

51.2V ;
240Ah

73.6V ;
160Ah



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