



Aapke Lambe Safar ka Saathi

**SULTAN**  
3 Wheeler Battery

**Battery Jo  
Chalti  
Jaaayee.....**

3W E-LOADER / E-AUTO / E-RICKSHAW LI-ION BATTERY



# 3 Wheeler Li-ion Battery

1200+\*  
Cycles



Eco-Friendly



Low Maintenance



Lightweight  
& Compact



Low Self  
Discharge Rate



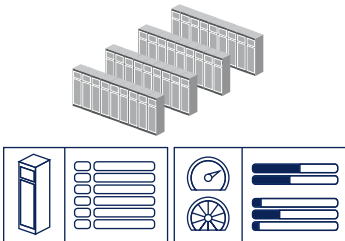
High Energy Density



More Charge Cycles



## Battery Management System



## Real-Time Battery Information



- System voltage, current, SOC, SOH
- Cell voltage, current, temperature
- Warning/Fault report

## Directly Accessible By The User

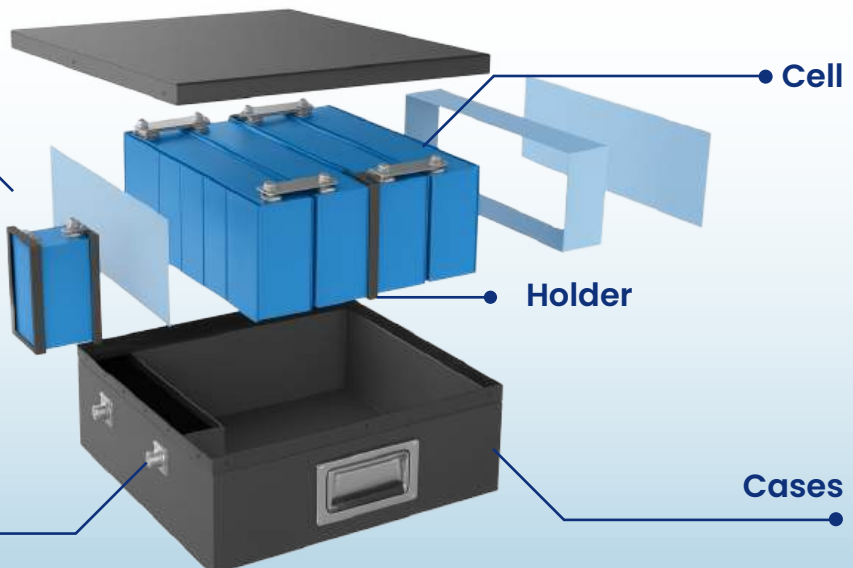


- Easy maintenance
- Operation cost reduction

Connector

PCM, BMS

Lead and Terminal



Cases

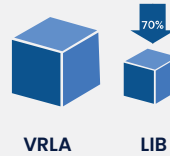
## Product Specification

| Battery Model                         | 51.2V 105Ah  | 64V 105Ah    |
|---------------------------------------|--------------|--------------|
| Application                           | 3W           | 3W           |
| Cell Chemistry                        | LFP          | LFP          |
| Cell specification                    | 3.2V 105Ah   | 3.2V 105Ah   |
| BMS Type                              | Smart        | Smart        |
| Bluetooth Connectivity                | Yes          | Yes          |
| Energy (kWh)                          | 5.37         | 6.72         |
| Nominal Voltage                       | 51.2V        | 64V          |
| Rated Capacity                        | 105Ah        | 105Ah        |
| Operating Range                       | 46.4V~ 57.5V | 58V~ 71.8V   |
| Standard Charging Current (A)         | 25A          | 25A          |
| Standard Discharging Current "C" Rate | C/2          | C/2          |
| Max. Discharging Current "C" Rate     | 1C           | 1C           |
| Temperature Working Range (°C)        | -10°C ~ 60°C | -10°C ~ 60°C |
| Storage Temperature (°C)              | 25°C         | 25°C         |
| Life Cycle (80%) DoD                  | 1200* @25°C  | 1200* @25°C  |
| Weight (Kg)                           | <50 Kg       | <60 Kg       |
| Type of Connector                     | SB 50 & SB75 | SB 50 & SB75 |
| IP Rating                             | IP67         | IP67         |

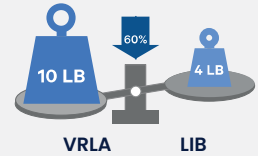
# Why SULTAN?



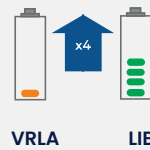
## Saves Space



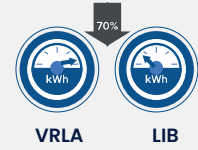
## Weights Less



## Longer Life



## Saves Cooling Cost



## PAN India Fastest Service



**100+**  
Service  
Engineers



**10,000+**  
Associated  
Service Partners



# PAN India Channel Distribution Network

## Servotech's Network

At Servotech we manage a smooth movement of goods from our Factories to the Distributors & Retailers across the country



### Distributor Network

**500+** Distributors across  
Metros & Mini-metros



### Retailers

**5000+** covering more than  
**350** Towns across India



### Super Stockist

East India and  
South India



### After Sales Service

Fastest FRT (2 hours)  
Across India



**In House Design,  
R&D , NPD Team**



**System & Process  
Driven Approach**



**Cumulative 50 Years  
of Experience in  
Lithium Batteries**

## Servotech Renewable Power System Ltd. (Formerly known as Servotech Power Systems Ltd.)

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**Reg. Add. & Kundli Plant:** Khata No. 1970,  
Khewat No. 1672, Khasra No. 21/20/2/2,  
Revenue Estate, Kundli, P.S.Rai, Sonipat,  
Haryana - 131029

**Safiabad Plant:** Killa No. 14/6/1/2  
(0-3), 6/2/3 (5-13) Village-Safiabad, Pana  
Paposhian, Rai, Sonipat 131029 Haryana

