



# Product specifications

## Tesla S and X 2012-2020 battery



### Why a recycled car battery?

As a leader in zero-emission technologies, Lithium Battery Solution participates in the transition to a sustainable society by continuing its efforts. This includes promoting the re-use and recycling of used electric car batteries for purposes such as the development of stationary energy storage systems or auxiliary energy systems for UPS, ESS and vehicle system. These are much more environmentally friendly compared to the manufacturing of a new battery of this type.

### Why a Lithium-Ion battery?

Performance and safety  
No maintenance needed  
Easy to use  
Lifetime + 10 years

Low self-discharge  
Ecological  
Quick recharging  
3-year limited warranty

### Information about second life batteries

Our Tesla S and X 2012-2020 battery modules have been removed from electric vehicles. These batteries have between 65% and 100% remaining lifespan, the State Of Health is given by the vehicle before the battery is removed from it. The SOH is identified on each module during the process.

Our solutions are complete and therefore include all the necessary components for the installation and proper operation of the battery such as: second life cells, battery management system, BMS programming, connector bar and bolts to connect the cells, communication wiring harnesses, pre-charge modules, balancing board for group of modules, assembly diagram and module assembly.

\*A battery monitor must be installed on the battery to validate the warranty.

## Product specifications

### TESLA 3X



### Battery Module

Energy	14.82 kWh
Rated voltage	68.4/22.8 V
Rated capacity	215/645 Ah
Weight	75 Kg   165.34 lbs
Length	685 mm   26.96 in
Width	305 mm   12 in
Thickness	228 mm   8.97 in

### Cell characteristics

Cell type	High capacity
Energy density	400/198 WH/L
Rated voltage	3.7 V
Composition	LiNiCoAlO2

### Circular economy

