



# toCargo

Effortless Efficiency, Designed for Everyone



VEHICLE SIZE (MM)	2130 L x 1020 W x 1815 H	CARGO BOX SIZE (mm)	710 L x 950 W x 1100 H
APPLICATION	Delivery / Logistic Company / Lease Program	BATTERY PACK	From 4.4kWh (2 x 2.2kWh) up to 8.7kWh (3 x 2.9kWh)
MOTOR POWER RATED	72V / 6kW (2 x 3kW)	BATTERY SYSTEM	Removable, up to 3 battery packs in parallel
MAX TORQUE	220Nm	BATTERY CYCLE LIFE	3,000 cycles @ 85% DoD (Depth of Discharge)
WHEEL RIM SIZE	13" Removable Tubeless Rim	VEHICLE WEIGHT	< 250kg
MOTOR CONTROLLERS	72V / 200A (2 x 100A)	PAYLOAD	235kg
DC TO DC CONVERTER	72 to 12 vdc — 15A	DISTANCE	70km — 150km (depending on battery configuration)
SPEED	up to 80km/h	NORMAL CHARGING	< 3.0 hours @ 80% (2kW onboard charger with Type 2 AC connector)
CLIMBING ABILITY	12°/21%	FUNCTIONS	Keyless START / STOP, Reverse Gear, Camera etc

# Four Benefits of i-Cargo

## Unlocking the potential of EVs with replaceable batteries

The i-Cargo provides a solution to EV's short-range issue with a detachable and replaceable battery system where one can just swap used battery with charged battery packs.

Two charging methods available including charging by directly inserting the outlet-type charging plug directly into the vehicle body.

*\*Standard shipping condition is 1-way charging with "replaceable battery" only. 2-way charging can be set as an option*

## Can be driven with a regular car/ motorcycle license\*

i-Cargo can be driven by anyone with a regular car or motorcycle license. Even if one has not driven a moped or a motorcycle, it can easily and intuitively drive one, regardless the gender or age.

It's a Battery Electric Vehicle (BEV).

*\*Country specific*

## Stable design that does not tilt while driving or at stationary

For an EV to be easily driven by anyone, it is important that the vehicle body is stable and does not tilt.

It feels great and does not tilt even when the car is stopped waiting at a traffic light.

The i-Cargo is a BEV that is completely independent and can be driven with peace of mind.

## Powerful motor output of 3kW that does not tip over even with a heavy load

Made for our daily last mile transportation requirements.

The i-Cargo is equipped with a 3kW motor that is powerful enough to run on slopes even with a heavy load.

We have both a sufficient storage capacity for individual delivery demands and a motor output to carry it.

## Size and Space

Bigger than a motorcycle, smaller than a car. Just the right size for easy maneuvering

Compact size making it safe even in narrow alleys



2130 L x 1020 W x 1815 H

Small turning radius that is unique to 3-wheelers



Min turning radius 3m

Current delivery vehicle sizes



Just the right size

Generous cargo space



Large dry box (max)

710 L x 950 W x 1100 H

## Battery

Possibilities expand with replaceable batteries. Charge anywhere, at home or at work.

A workhorse that runs all day

Cruising distance per charge  
70-150 km<sup>#</sup>

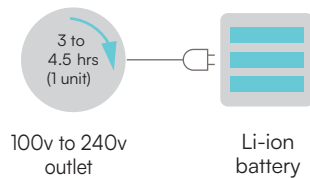


The cruising range per charge is 70-150km<sup>#</sup>.

Replace the battery in case of insufficient charge.

*#Values obtained under specified test conditions. It varies depending on user's environment (weather, traffic jams, etc.), driving methods, vehicle (equipment, specifications), maintenance conditions.*

Can be charged from a 100V household outlet



100v to 240v outlet

Li-ion battery

## Cost comparison between gasoline car and i-Cargo (when driven 1,000km per month)

gasoline vehicle	Mileage 1,000km	÷	Fuel consumption 21.5km/L	×	Petrol cost USD 2.24/L*	=	Petrol cost required to travel 1,000km USD 104.18
i-Cargo	Mileage 1,000km	÷	Electricity consumption 25km/kWh	×	Electricity cost USD 0.23/kWh*	=	Electricity cost required to travel 1,000km USD 9.20

\* Electricity tariff is based on information by Singapore Petroleum Group (as of Jan 2024). Petrol cost is a median based on Jan 2024 prevailing rates of various petrol providers.

The comparison chart above is intended for illustrative purposes only and should not be considered as conclusive representation of actual cost. Fluctuation and taxes have not been taken into consideration. It is calculated as a theoretical value that does not take into account conversion or self-discharge loss.