

2019

LUGGIE SERIES INTRO

*Luggie*®



## Super

360

Super is the most luxury and comfortable series. 18" wide seat, wider chassis, and reverse horn. Weight cap is 360lbs and this is the highest capacity in the folding scooter class.

Sr

## Classic 2

320

2<sup>nd</sup> Generation Classic is upgrade to 4-pole motor and weight cap is 320lbs. Upgradable to lithium-ion battery by adaptor.

C

## Elite

320

Elite is the middle class of Luggie series which adopted 10.5ah battery with 16" wide seat. LED battery indicator and expandable handle bar are features. Weight Cap is 320lbs.

E

## Classic

250

Classic is the entry class of Luggie series which is adopted 12ah AGM battery. Upgradable to lithium-ion battery directly by adaptor.

C

## Standard

250

Standard is well-equipped with 8.5ah lithium-ion battery and can be fully charged within 90 minutes and range up to 11 miles.

Sd

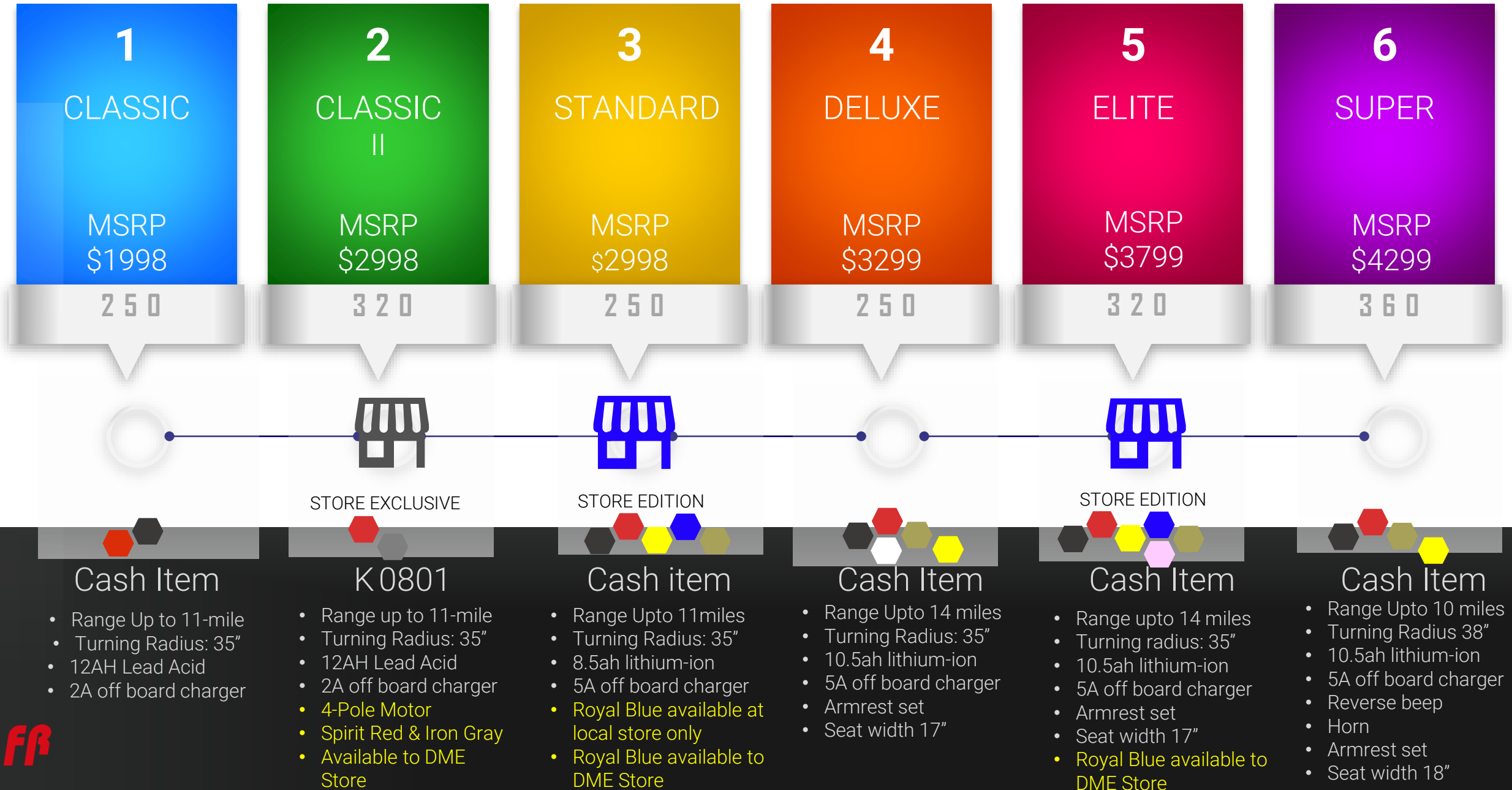
## Deluxe

250

Deluxe is the model with full equipment: armrest, 10.5ah lithium-ion battery, and 16" wide seat and driving range up to 14 mile. Weight Cap is 250lbs.

D

# Luggie Model



Model	Classic	Classic II	Standard	Deluxe	Elite	Super
Weight Cap/ lbs	250	320	250	250	320	360
Length / inch	39	39	39	39	39	39
Width / inch	18	18	18	18	18	20
Top Speed	4mph	4 mph	4mph	4mph	4mph	4mph
Scooter Weight / lbs (w/o battery)	50	50	50	50	50	60
Range / (up to miles)	11	11	11	14	14	10
Turning Radius/ inch	35	35	35	35	35	41
Ground Clearance/ inch	2.5	2.5	2.5	2.5	2.5	1.06
Batter indicator	needle	needle	needle	needle	LED	LED
Seat Width/ inch	15	15	15	16	16	18
Expandable handle	N/A	N/A	N/A	N/A	YES	N/A
W/Armrest	N/A	N/A	N/A	Yes	Yes	Yes
Reverse alarm	N/A	N/A	N/A	N/A	N/A	Yes

# Zero-Worried to your Luggie Scooter

ZERO

**Zero-Welding:** Whole frame is adopted T6061 aluminum alloy which is common to be used aircraft material. Forging process to enhance the capability.

**Zero-barrier:** Without barrier in the front chassis design for outdoor terrain purpose.

**Zero-Lifter:** Multi-folding designing for you lift the trunk without lifter to save your cost & your space

**Zero-upgrade:** Luggie can be used all Luggie lithium-ion battery series. \*Classic model need to be adaptor.



Smallest  
**35"**

**A**

## Ability

Smallest turning radius in the travel scooter class

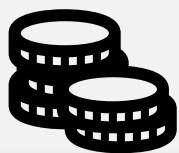


Quickest<sup>1</sup>  
**90min**

**B**

## Battery

0 to 100% fully charge less than 90 min

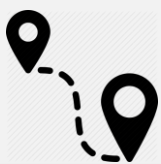


Lowest<sup>2</sup>  
**30¢/mile**

**C**

## Cost per mile

1 year warranty on all li-ion battery;  
lowest maintenance cost



Longest<sup>3</sup>  
**22mile**

**D**

## Distance

Up to 22 miles is the longest riding distance in travel scooter class.

# Values



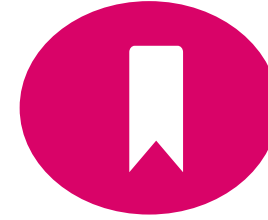
## EFFICACY

Adopted aircraft aluminium class as chassis and with zero-welding technique to make the strongest chassis than other power chair suppliers. It is **smallest footprint and biggest weight capacity** folding power chairs in the world.



## UPGRADABLE

We have different lithium-ion **battery options** to meet your different requirements: 8.5ah, 10.5ah, and 16.5ah. You can choose bigger capacity if you need to have longer journey.



## MEDICAL DEVICES

Luggie Scooter is certified all the mobility scooter requirement, so it comes with K number based on FDA regulation. We submitted it as **Medical Devices** to ensure you using is safety and provide product liability insurance.



## WARRANTY

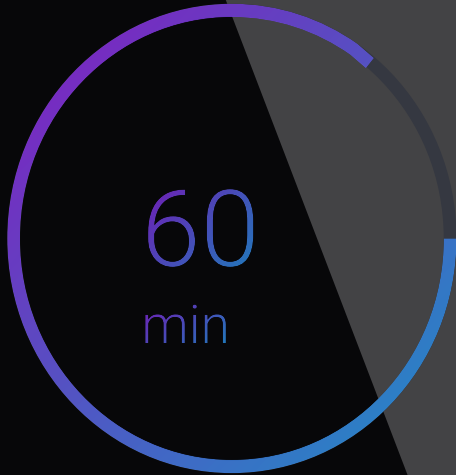
Lithium-ion battery is the most common as a portable power supply. However, we are the only one to provide **12 months warranty** instead of 6 months warranty from others.

Powered by 18650 Li-ion battery pack with certified IEC 62133 and UN 38.3. In addition, it adopts intelligent BMS battery management system which comes with various battery protections for the battery cell and your using safety.

# LUGGIE Li-ion Guide

**10 MILES**  
8.5 AH

0~85% charging in 60-min and offer you up to 8-mile



MSRP 799

**14 MILES**  
10.5 AH

0~85% charging in 75-min and offer you up to 10-mile



MSRP 899

**22 MILES**  
16.5AH

0~85% charging in 150-min and offer you up to 18-mile

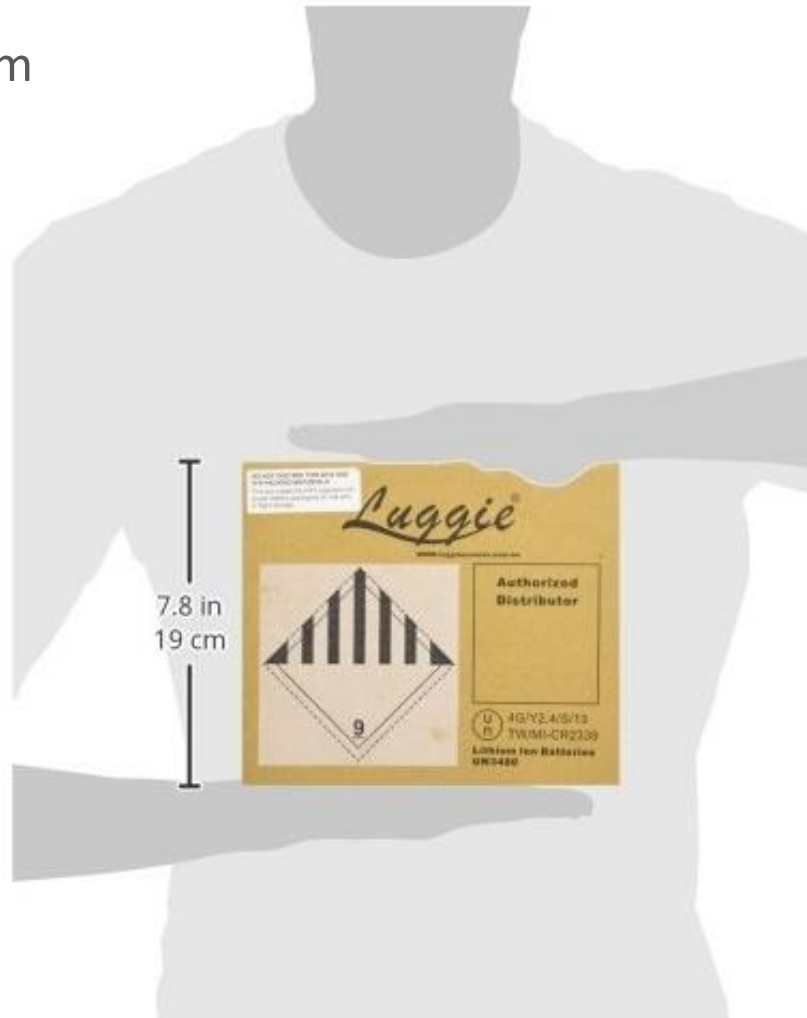


MSRP 1499



# UN 38.3

An International testing criteria for lithium battery or equipment containing lithium battery should undergo all testing criteria.



All of our lithium-ion battery are certified the UN 38.3 criteria. Battery weight is 4.5lbs.

Customers can be carry the light weight battery to airline. It is **TSA approved.**





# FOLDING VARIATIONS

L  
U  
G  
G  
I  
E

Luggie Series is the only folding scooter that can be folded in various formations to fit objects of diverse shapes and sizes. **Half folding can help you carry the scooter into a trunk without a lifter to save your cost and space.**

**F**

## Full folding

Every folding scooter can be fully folded, and we are no exception, too.

**H**

## Half folding

Take principle of lever into your trunk.

**Q**

## Quick folding

Fold the scooter within 3 seconds to carry into your trunk.





# Stand Up

S

Standing help  
you storage  
the scooter into  
constrained space.

L  
U  
G  
G  
I  
E





2019

JOIN US

FREERIDER USA  
8696 Utica Ave Rancho Cucamonga, CA 91730  
Email: [sales@freeriderusa.com](mailto:sales@freeriderusa.com)  
TEL: 909-466-7996  
FAX: 909-466-7990