



1.0 Purpose

- 1.1 The purpose of this document is to provide instruction for assembly and use of KULR's SafeCase

2.0 Responsibilities

- 2.1 NA

3.0 Definitions

- 3.1 H/L Closure: Hook & Loop fastener – Similar to Velcro® brand
3.2 TRS: Thermal Runaway Shield

4.0 Equipment/Software

- 4.1 Folded SafeCase
4.2 2 Additional TRS pouches

5.0 Instructions

- 5.1 Folded Case Instructions
5.1.1 Remove folded case from box
5.1.2 Place case with KULR label facing user (Fig 1)
5.1.3 Lift lid push case open (Fig 2)



Fig 1



Fig 2

- 5.1.4 Lift / raise interior panels (3 sides) (Fig 3)
5.1.5 Press Velcro to secure (Fig 4)



Fig 3



Fig 4

5.1.6 Remove 2 silver sheets / pouches from plastic bag (Fig 5)

5.1.7 Place one pouch in the bottom of case (Fig 6)



Fig 5



Fig 6

5.1.8 Cover **ALL EXPOSED** battery terminals, protect with non-conductive electrical tape or by placing cells/batteries in a plastic inner bag.

5.1.9 Place batteries in case on top of the silver sheet/pouch (Fig 7)

5.1.10 Place packing material around batteries to secure (Fig 8)



Fig 7



Fig 8



5.1.11 Place second silver sheet / pouch on top of batteries (Fig 9)

5.1.12 Use packing material to fill case to top (Fig 10)



Fig 9



Fig 10

5.1.13 Close lid and secure Velcro



5.1.1 Shipping Instruction matrix (Table 1)

	A-DDR	B-Prototype	C-Recycling
High Energy > 300 Wh	UN 4G Corrugated box	UN 4G Corrugated box	Corrugated box
	Class 9 - Lithium-ion UN3480 or UN3481	Class 9 - Lithium-ion UN3480 or UN3481	Class 9 - Lithium-ion UN3480 or UN3481
	DOT SP#21193	DOT SP#21167	DOT SP# 21139
	Forbidden for transport by any aircraft or vessel – Ground shipment only label	Cargo aircraft only label	
Low Energy	UN 4G Corrugated box	UN 4G Corrugated box	Corrugated box
	Class 9 - Lithium-ion UN3480 or UN3481	Class 9 - Lithium-ion UN3480 or UN3481	Class 9 - Lithium-ion UN3480 or UN3481
	DOT SP#21193	DOT SP#21167	DOT SP# 21139



SafeCase Assembly and use Instructions

	Forbidden for transport by any aircraft or vessel – Ground shipment only label	Cargo aircraft only label	Forbidden for transport by passenger aircraft
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Table 1

5.1.2 Scan QR code from Safe Case to download corresponding shipping instructions. (Figure 11 & 12)



Fig 11



Fig 12

5.1.3 End

6.0 Forms and Records

6.1 NA

7.0 Related Documents

7.1 NA

8.0 Opportunities and Risks

8.1 NA

9.0 Revisions

Revision	Date	Section	Summary of Change	Authorized By
A	3/11/2022	All	Initial Release	W.Pritzkau