



# SafeX

## FAQ

KULR Technology Group Inc.  
Tel.: +1 858 866-8478  
[www.kulrtechnology.com](http://www.kulrtechnology.com)

# SafeCASE

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## **What is the maximum battery energy that can be transported in SafeCASE?**

The maximum is 2.5 kWh (2500 watt-hours) aggregated energy, meaning one large battery for this rating, or several smaller batteries that add up to this amount.

## **What is the standard size for SafeCASE?**

The standard size is 18" x 12" x 8". Alternate sizes may be able available upon request. Please contact our Sales Team for more information.

## **Can KULR create a custom sized SafeCASE for our batteries?**

Yes, when there is a sufficient order volume, then KULR will work with an original equipment manufacturers (OEM) to custom design SafeCASE to fit their battery sizes.

## **How does SafeCASE protect against thermal runaway for lithium-ion batteries?**

SafeCASE is manufactured with rugged thermally-tested materials, blast plates, and liquid filled pouches which empty to mitigate thermal runaway.

## **What Department of Transportation (DOT) permits apply to shipping with SafeCASE?**

KULR has obtained 3 DOT special permits for shipping SafeCASE, all at 2.5 kWh:

- End-of-Life – SP 21139 - For shipping lithium-ion batteries to recycling.
- DDR – SP 21193 - For shipping damaged-defective-recalled lithium-ion batteries.
- Prototype – SP 21167 - For shipping lithium-ion prototype batteries.

## **Do SafeCASE permits exempt the DOT requirement for CFR-49 certification and training to ship large format batteries?**

Yes, the SafeCASE permits exempt the shipper from completing full CFR-49 Hazardous Materials certification and training. However, the shipper must still complete a shorter training on SafeCASE itself, and how to ship lithium-ion batteries.

### **Does KULR coordinate the shipping and logistics for SafeCASE?**

KULR has partnered with Cirba Solutions ([www.cirbasolutions.com](http://www.cirbasolutions.com)), one of the nation's premier battery recyclers. Cirba coordinates the outbound and inbound shipping for SafeCASE and batteries.

### **Can SafeCASE be shipped using a major carrier?**

Yes, Cirba has been approved to coordinate SafeCASE shipping using UPS.

### **Does Cirba provide the training required to ship SafeCASE?**

Yes, Cirba will email a link to your shipping site employee for a short online training slideshow.

### **Does Cirba offer battery recycling?**

Yes, batteries can be shipped directly to Cirba for recycling. Cirba can also track and provide annual recycling data, reports, and sustainability information for your organization's batteries.

### **Does Cirba supply boxes for shipping SafeCASE?**

Yes, Cirba will send SafeCASE to your location with a return shipping box, complete with return-shipping UPS labels and the DOT labels required per code.

### **We are an OEM, can Cirba work with our dealer/retail locations?**

Yes, Cirba can ship SafeCASE to your dealers, and coordinate shipping back to Cirba for recycling, or back to OEMs for warranty/research on batteries.

### **Do we need to purchase SafeCASE, or is it pay-as-you-go?**

Cirba offers both options.

You can purchase your own custom SafeCASEs, and Cirba will warehouse them, sending and receiving for your sites/dealers.

Alternatively, you can use Cirba-owned SafeCASEs, and simply pay per shipment. This is often the best option, especially when volume is low.

### **How do we sign up to use SafeCASE?**

Contact our KULR team, and we'll set up a meeting. Invite your compliance, product, sustainability teams. Send us a non-disclosure agreement if you prefer greater privacy. After our meeting, we can facilitate a meeting with Cirba, and set up the best logistics program from your battery needs.

# SLEEVE



## **What is the maximum battery energy that can be transported in a SLEEVE?**

The maximum is 0.3 kWh (300 watt-hours) aggregated energy, meaning one large battery for this rating, or several smaller batteries that add up to this amount.

## **What is the standard size for SLEEVE?**

The standard size is 12.75 inches X 16 inches.

## **Can KULR create a custom sized SLEEVE for our batteries?**

Yes, when there is a sufficient order volume, then KULR will work with an original equipment manufacturers (OEM) to custom design SLEEVE to fit their battery sizes.

## **How does SLEEVE protect against thermal runaway for lithium-ion batteries?**

SLEEVE is manufactured with rugged thermally-tested materials, blast plates, and liquid filled pouches which empty to mitigate thermal runaway.

## **What Department of Transportation (DOT) permits apply to shipping with SLEEVE?**

KULR has obtained 3 DOT special permits for shipping SLEEVE, all at 0.3 kWh:

- End-of-Life – SP 21139 - For shipping lithium-ion batteries to recycling.
- DDR – SP 21193 - For shipping damaged-defective-recalled lithium-ion batteries.
- Prototype – SP 21167 - For shipping lithium-ion prototype batteries.

## **Do SLEEVE permits exempt the DOT requirement for CFR-49 certification and training to ship large format batteries?**

Yes, the SLEEVE permits exempt the shipper from completing full CFR-49 Hazardous Materials certification and training. However, the shipper must still complete a shorter training on SLEEVE itself, and how to ship lithium-ion batteries.

### **Does KULR coordinate the shipping and logistics for SLEEVE?**

KULR has partnered with Cirba Solutions ([www.cirbasolutions.com](http://www.cirbasolutions.com)), one of the nation's premier battery recyclers. Cirba coordinates the outbound and inbound shipping for SLEEVE and batteries.

### **Can SLEEVE be shipped using a major carrier?**

Yes, Cirba has been approved to coordinate SLEEVE shipping using UPS.

### **Does Cirba provide the training required to ship SLEEVE?**

Yes, Cirba will email a link to your shipping site employee for a short online training slideshow.

### **Does Cirba offer battery recycling?**

Yes, batteries can be shipped directly to Cirba for recycling. Cirba can also track and provide annual recycling data, reports, and sustainability information for your organization's batteries.

### **Does Cirba supply boxes for shipping SLEEVE?**

Yes, Cirba will send SLEEVE to your location with a return shipping box, complete with return-shipping UPS labels and the DOT labels required per code.

### **We are an OEM, can Cirba work with our dealer/retail locations?**

Yes, Cirba can ship SLEEVE to your dealers, and coordinate shipping back to Cirba for recycling, or back to OEMs for warranty/research on batteries.

### **Do we need to purchase SLEEVE, or is it pay-as-you-go?**

Cirba offers both options.

You can purchase your own custom SLEEVEs, and Cirba will warehouse them, sending and receiving for your sites/dealers.

Alternatively, you can use Cirba-owned SLEEVEs, and simply pay per shipment. This is often the best option, especially when volume is low.

### **How do we sign up to use SLEEVE?**

Contact our KULR team, and we'll set up a meeting. Invite your compliance, product, sustainability teams. Send us a non-disclosure agreement if you prefer greater privacy. After our meeting, we can facilitate a meeting with Cirba, and set up the best logistics program from your battery needs.