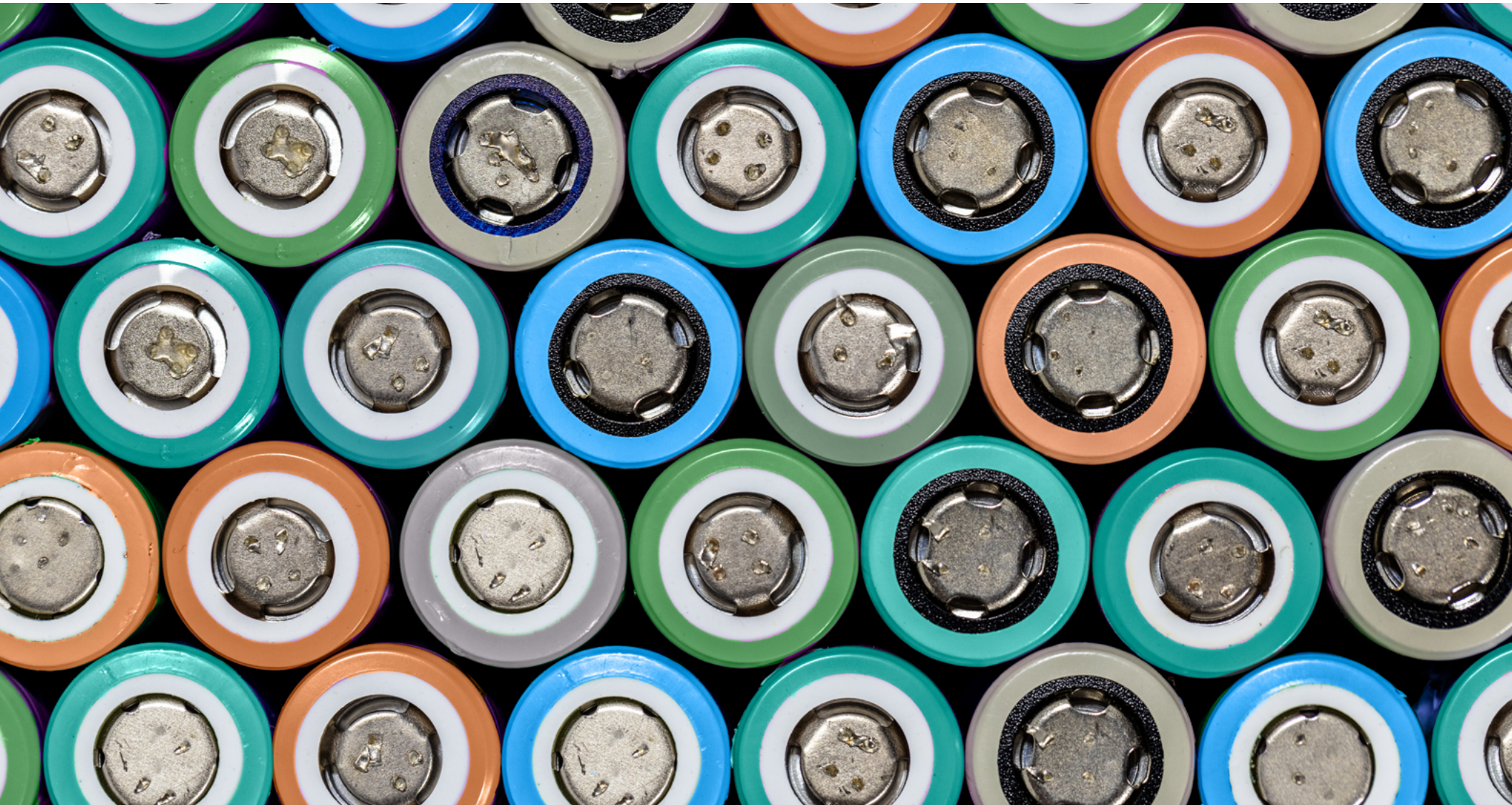


# Battery handling instructions

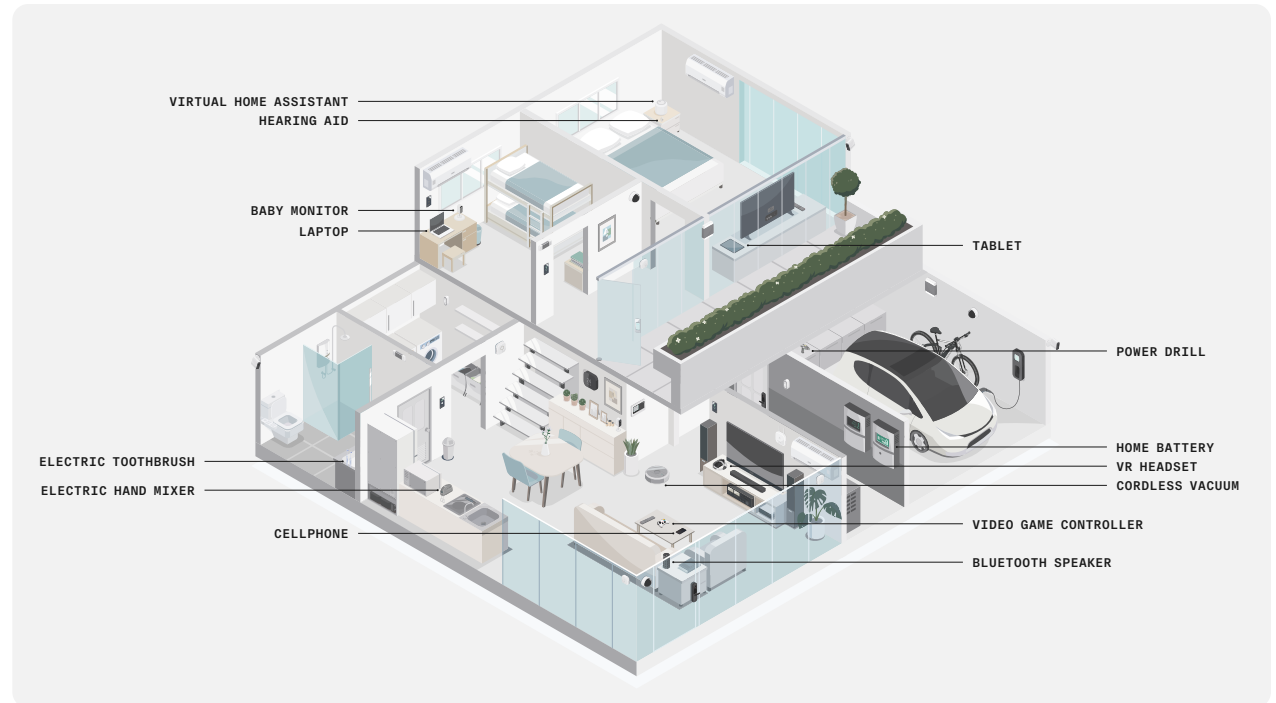
## Barrel



# What is accepted?

Redwood's Consumer Program accepts lithium, lithium-ion (Li-Ion), and nickel metal hydride (Ni-MH) batteries under 300wh, such as:

- Cell phones
- Laptops
- Tablets
- Cordless power tool batteries
- Electric toothbrushes
- Wireless headphones
- Wireless speakers or virtual assistant devices
- Car key fob batteries
- Rechargeable vacuum cleaner batteries
- Smart watches
- Power banks
- Any other rechargeable device with a lithium-ion battery (Li-ion)



## REDWOOD ACCEPTS

LITHIUM-ION (LI-ION)  
NICKEL METAL HYDRIDE (NIMH)  
LITHIUM PRIMARY (LI)

## NOTE

IF OTHER CHEMISTRIES COME IN SMALL QUANTITIES, YOU CAN ACCEPT THEM.

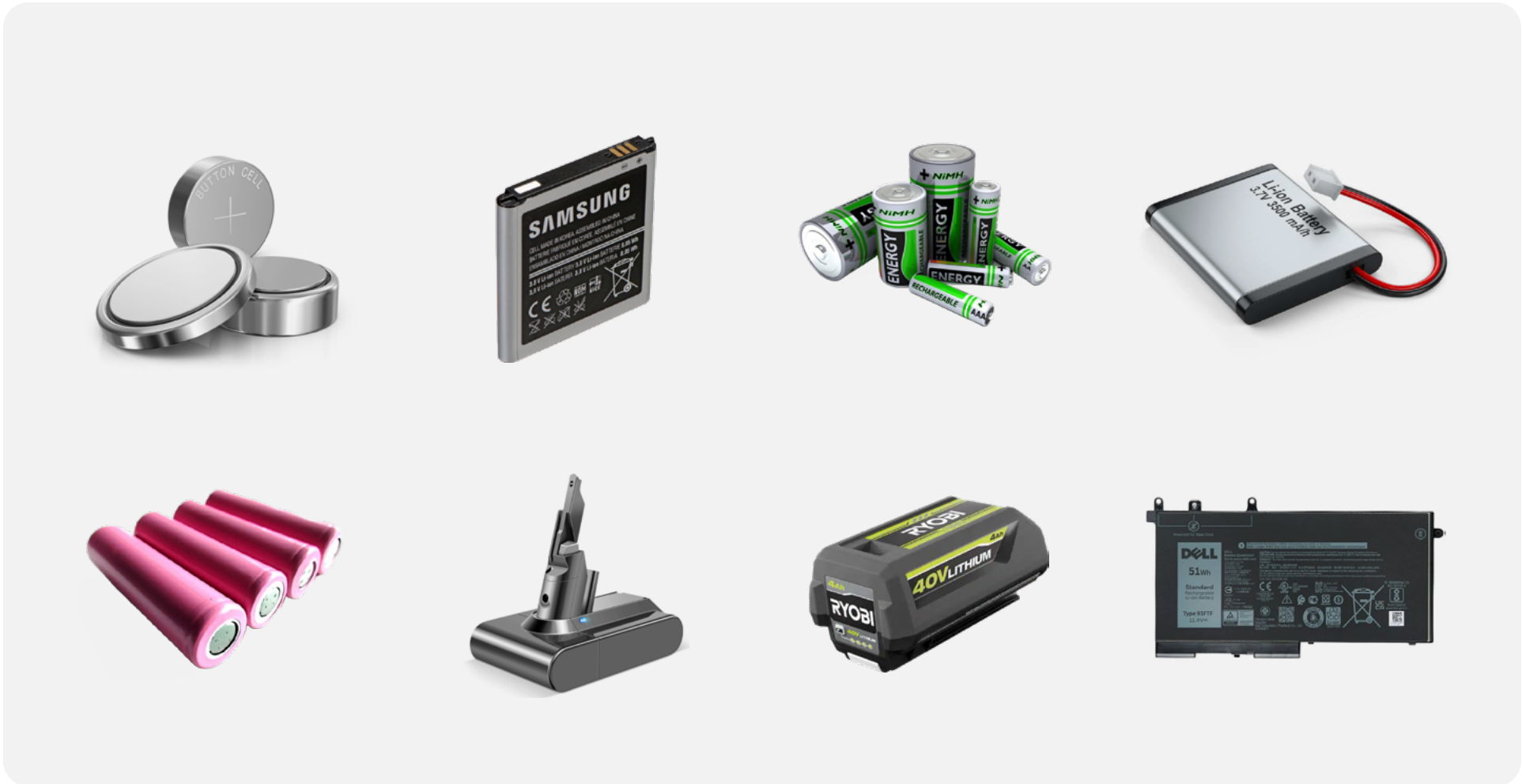
## NOTE

IF AN EVENT HOST RECEIVES A RECHARGEABLE BATTERY ABOVE 300 GWH DURING A COLLECTION (FOR EXAMPLE, A SCOOTER, E-BIKE, HOVER BOARD, OR GOLF CART BATTERY), PLEASE CONTACT [RECYCLE@REDWOODMATERIALS.COM](mailto:RECYCLE@REDWOODMATERIALS.COM) SO WE CAN ASSIST WITH PROPER HANDLING



## What is accepted?

Place each individual **loose battery** into an anti-static plastic baggie or tape the end terminals.





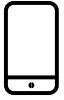





# Barrel packaging & collection guide

Individuals recycling devices are responsible for wiping any personal data from devices prior to dropping them in the barrel at the event.

Batteries inside a device, such as cell phones or toothbrushes, do not need a bag or tape.

The event hosts are responsible for properly packaging each **loose** battery into an anti-static bag **or** taping end terminals prior to dropping into barrel.

STEP	TASK	SUPPORTING RESOURCES
①	Redwood ordered truck driver will deliver barrels at agreed upon time and date.	
②	Once barrels are placed in designated location, open the lids and ensure a small layer of vermiculite is at the bottom (all barrels should arrive in this fashion).	
③	Take out the plastic baggies and tamper tags that came with the barrels. Keep these baggies easily accessible for when consumers begin delivering devices.	  
④	Do your best to sort the different chemistries and devices per barrel.  Barrel 1: loose lithium-ion Barrel 2: battery containing devices Barrel 3: mix chemistries	
⑤	At the conclusion of the event, use the provided wrench to secure the lid around each barrel.	
⑥	With the provided tamper tags, wrap a tamper tag around the barrel's bolt. Ensure it has a snug fit around the bolt.  Using black Sharpie pen, initial the end of the tag and add event date.	
⑦	Redwood ordered truck driver will load barrels into truck and transport back to Redwood facility.	

# DDR batteries

Damaged, defective,  
recalled

Swollen, leaking, corrosion or  
looks of burnt material



Battery handling instructions – Barrel

**WE CANNOT ACCEPT DDR MATERIAL IN OUR  
TRADITIONAL COLLECTION VESSELS.**

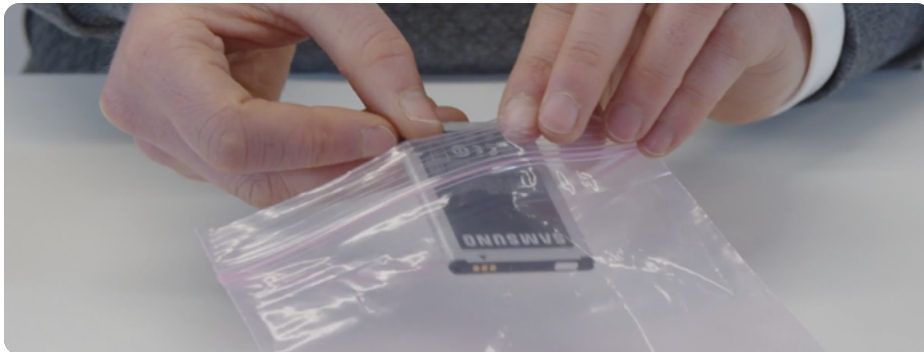
**IF YOU RECEIVE A DDR BATTERY DURING A  
COLLECTION EVENT, PLEASE REACH OUT TO  
RECYCLE@REDWOODMATERIALS.COM FOR PROPER  
HANDLING INSTRUCTIONS**



# Packaging and transport safety

## Required training

All volunteers or staff are required to watch the 4 minute battery preparation video prior to hosting an event.



Battery handling instructions – Barrel

As diligently as we adhere to stringent compliance regulations for large electric vehicle packs, we are just as committed to safety for collecting, transporting, and recycling smaller consumer batteries. The safety of our customers, employees, collection sites, partners, and volunteers is core to our daily operations.

## Additional information

For a complete understanding of the packaging and shipping guidelines that may be applicable to your shipment, please review the USDOT's Lithium Battery Guide.



Redwood Materials

