



## **HIGHLAND** Commitment

We know you have work to do, and downtime is the enemy. That is why our commitment to customers is a guaranteed five-day or less turn around on calibration and service evaluation along with an industry leading two-year warranty.

With multiple service locations across the US and Canada, we are equipped to get you back in operation as soon as possible.



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# SUPERCCELL<sup>TM</sup>

Lithium-ion powered electrofusion processor

**The world's first** li+ battery processor designed to be used all day, every day with a battery pack. Average users get two weeks of work out of the battery pack before needing to recharge.

# SUPERCCELL

Lithium-ion powered electrofusion processor

Highland is proud to launch the new Supercell electrofusion processor. Supercell is the world's first lithium-ion battery powered electrofusion processor designed to be used all day, every day. This major advancement in processor technology offers a self-contained fusion unit that needs no external power source to operate. This rechargeable processor has the power to silently fuse up to 12" couplings with zero emissions. The future of electrofusion is here, with more flexibility, reduced carbon emissions, and reliability you can trust. Supercell is backed by the Highland Commitment of a two-year warranty and five-day turn around times on calibration or evaluation.

## FREQUENTLY ASKED QUESTIONS

### How many fusions can it do?

On a full charge, the average operator can expect approximately two weeks worth of work from one battery charge.

Fitting Size and Type	# of fusions on full charge*
1/2" Coupling	200+
1" Coupling	200
2" Coupling	40
2" Tap Tee	68
4" Coupling	8
4" Tap Tee	28
6" Coupling	4
6" Tap Tee	28
8" Coupling	3
8" Tap Tee	26
12" Coupling	1
12" Tap Tee	12

\*Results may vary. Tested using MTD Trifusion Fittings

### How much does it weigh?

Supercell weighs in at **31 lbs** and offers over a 100% weight savings versus the average generator-powered processor, along with the generator and supporting equipment, which can weigh up to 250 lbs.

### How do I know if I have enough charge for a fusion?

Supercell is equipped with much more processing power than your average processor. This allows the unit to measure the available charge in the battery and calculate the energy needed to fuse. **Supercell will not allow you to start a fusion it can't finish.**

### How long does it take to charge?

Utilizing fast charge technology, Supercell can be charged from flat to full in about **60 minutes** using the wall outlet charger. A 12V auxiliary vehicle charger also comes standard with Supercell. If you can't wait an hour, the energy needed to fuse a 1.25" service connection can be charged in just ten minutes.

### Does temperature affect it?

In most areas, no. The Supercell has been designed and tested to operate in temperatures between **14°F and 110°F**. Supercell can be charged in temperatures ranging from 32°F and 120°F.

### How often does it need servicing/calibration?

Once every **two years**.

### What is the lifespan of the battery?

The battery pack powering Supercell has been designed to last for at least 500 full charge cycles. This design along with advanced battery management technology means that even the heaviest of users can expect to get **at least five years** out of the battery pack.



# The future of electrofusion, today.

## How environmentally friendly is it really?

On average, a traditional generator-powered processor produces around 344kg of CO<sup>2</sup> in a year. Charging Supercell using electricity to do the same amount of work will produce around **8kg of CO<sup>2</sup>**. If carbon-neutral energy is used to charge Supercell, then it becomes net-zero with a 100% reduction in emissions.

## How loud is it?

**Silent. 0db.** With no running generator, remove potentially harmful unwanted or disturbing sounds from your job site.

## Are there any health and safety benefits?

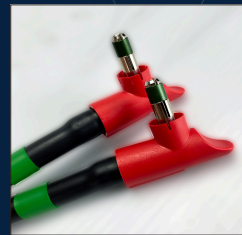
With no generator, Supercell **greatly reduces slip, trip, and fall hazards.** With its smaller form factor and lighter weight, risks for lifting and handling injuries are also reduced.

## Can it be used with mobile applications or 3rd party data capture platforms?

Supercell is equipped with the latest hardware that allows it to easily communicate with mobile phones, GPS satellites, and Bluetooth®- enabled devices.

## SPECIFICATIONS

Operating Temperature:	14°F to 113°F
Charging Temperature:	32°F to 113°F
Welding Voltage:	8 to 48 V ac (39.5 V)
Welding Current:	1 to 65 A (true rms)
Welding Power:	8 VA to 2600 VA
Welding Time:	1 to 3000 seconds
Charger Protection:	Class 1 – Grounded
Data log memory:	>10,000 fusions
Protection Level:	IP54
Weight:	31 lbs
Dimensions:	17" x 12" x 12"
Warranty Period:	2 years
Calibration Interval:	2 Years
Standard GPS Equipped	
Fast charger & 12v charger included	



Fuse 4.0mm or 4.7mm fitting terminals with universal fusion tips.



Wireless and rechargeable barcode scanner.



Rugged case for protection and storage.