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BATTERY CHARGING TEST:

Apple iPhone 7+ Battery Charged with Apple iPhone 7+ Charger vs **Apple iPhone 7+ Battery Charged with Hyperflow**

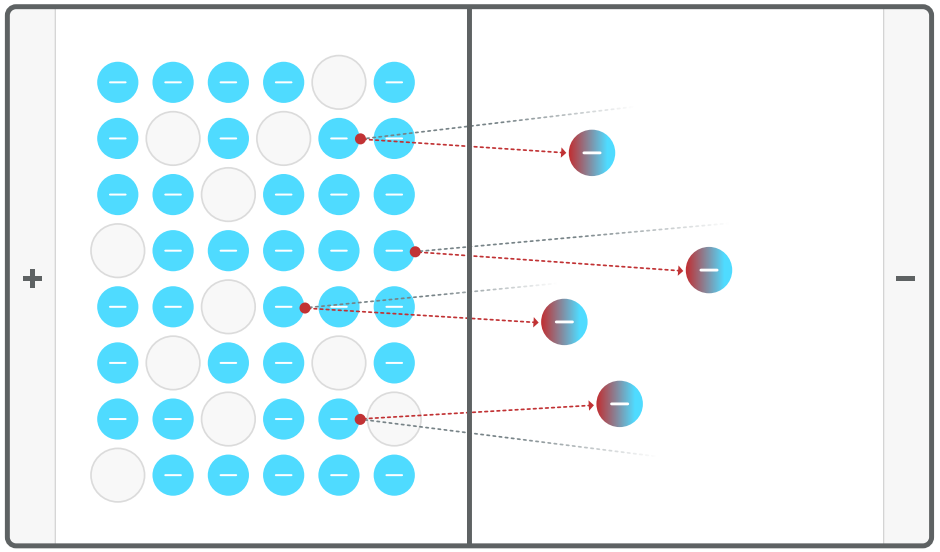

Figure 1
Traditional "Brute Force" Charging

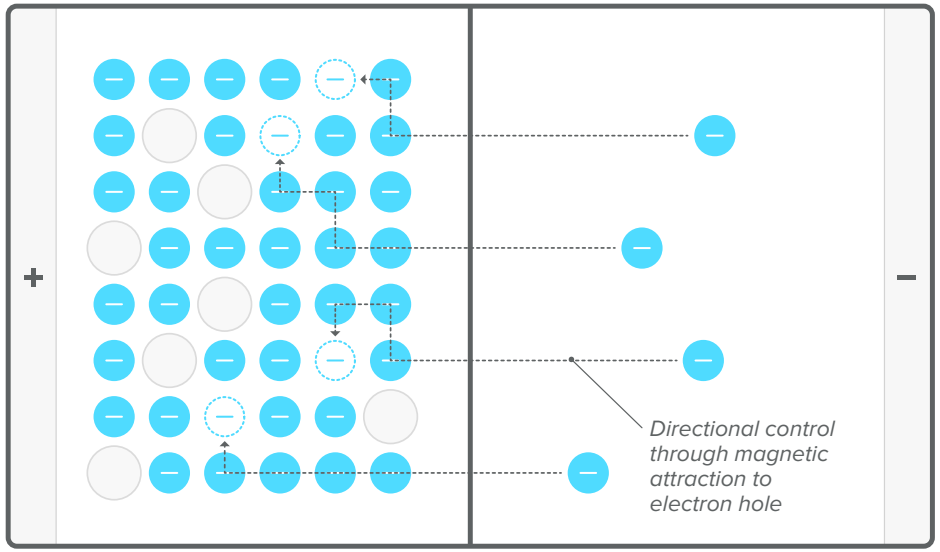

Figure 2
Hyperflow™ Charging

NON-DESTRUCTIVE RAPID CHARGING BENEFITS:
Magnetic charging improves battery safety, battery lifecycle, and longevity, as well as notable improvements in wireless charging.

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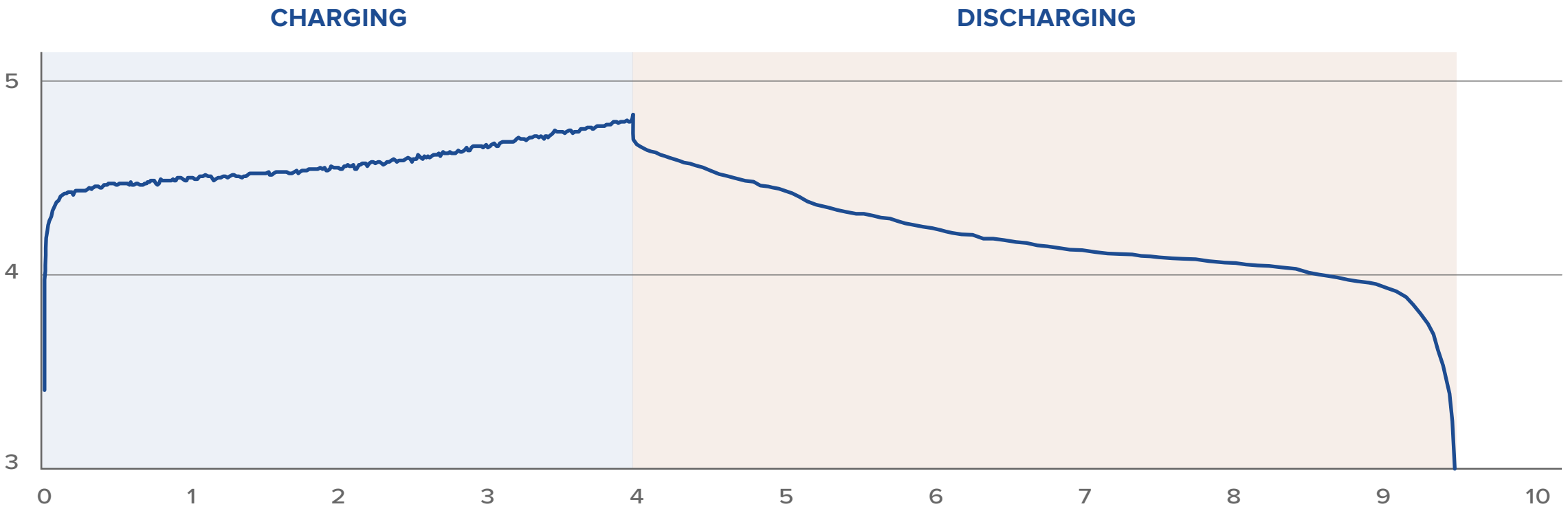
Apple iPhone 7+ Battery Charged with Apple iPhone 7+ Charger



x=time (in hours)
y=volts

APPLE iPHONE 7+ Charger
- Time to charge: 4 hours
- Discharge time: 5.54 hours
- Fixed Discharge rate of .5 Amps

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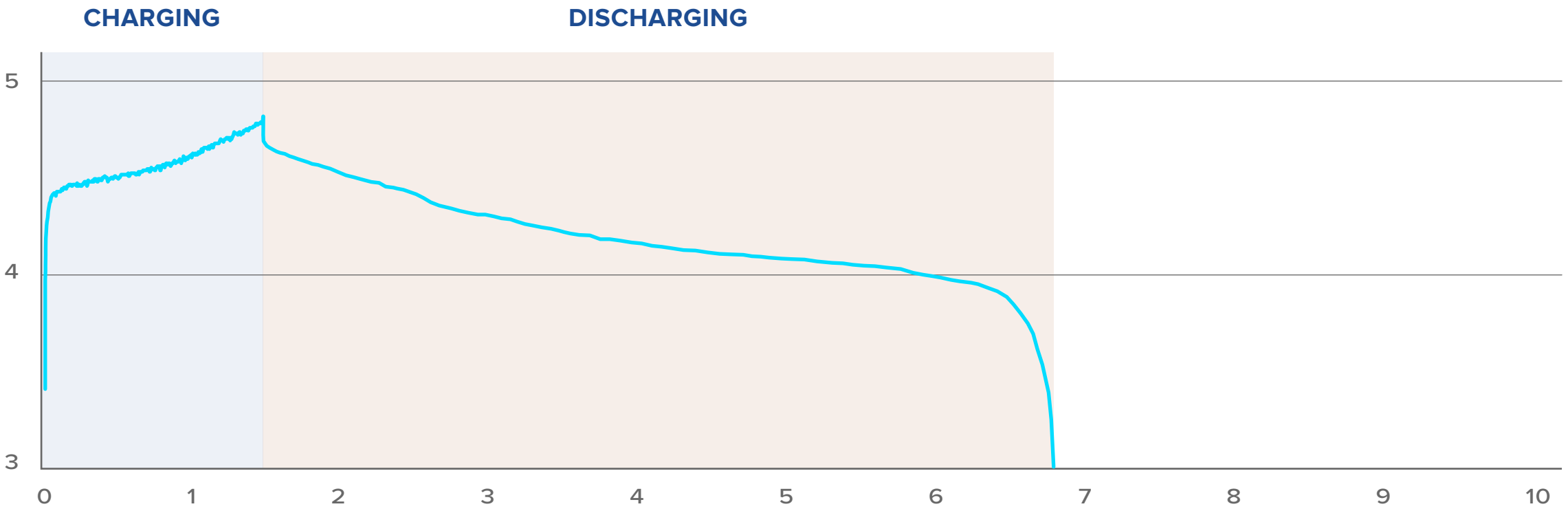
Apple iPhone 7+ Battery Charged with Hyperflow



x=time (in hours)
y=volts

HYPERFLOW Charger
- Time to charge: 1.38 hours
- Discharge time: 5.31 hours
- Fixed Discharge rate of .5 Amps

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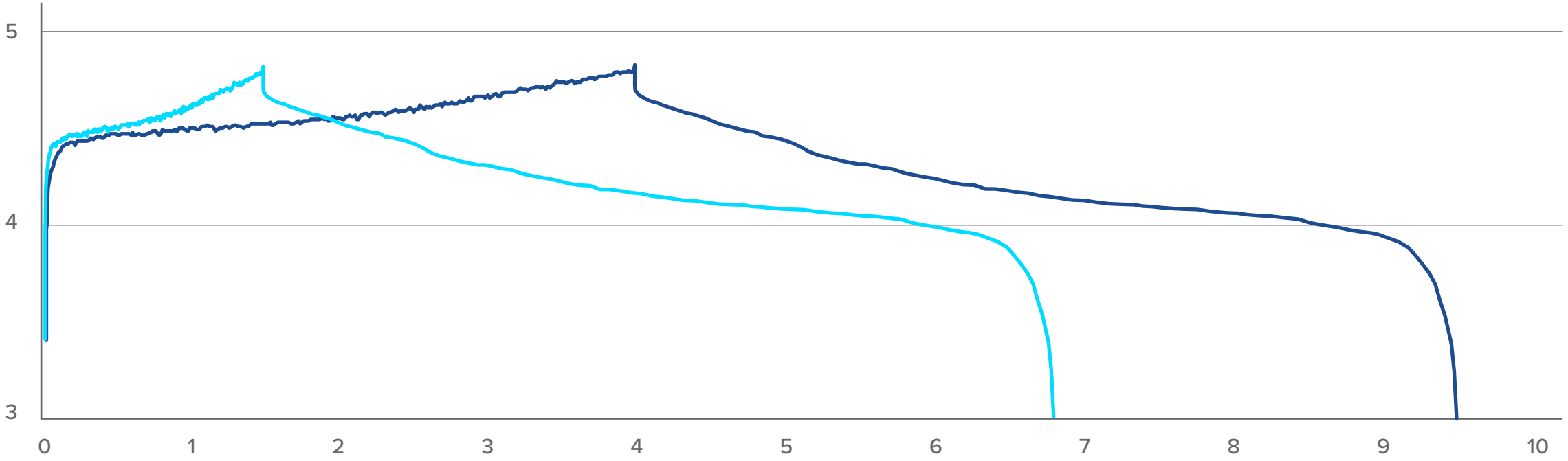
Apple iPhone 7+ Battery Charged with Apple iPhone 7+ Charger
vs Apple iPhone 7+ Battery Charged with Hyperflow



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Hyperflow – Future-Ready Battery Charging: Benefits

#1 BATTERY LIFECYCLE IMPROVEMENTS

Significant battery cycle gains are expected by using Hyperflow. The magnetic charge approach is gentle with battery internals, whereas ‘brute force’ charging methods degrade integrity over time.

Lab Note: Use of Hyperflow has ‘resurrected’ batteries that could not be recharged electronically and were considered dead.

#2 SAFETY AND SIZE

A. ROOM TEMPERATURE CHARGING
Magnetic charging eliminates much of the heat associated with the friction of conventional charging, making for a safer battery.

B. REDUCED SIZE
Hyperflow can eliminate the need for electronic charge limiters, thus reducing battery form factor and the overall size of small electronics.

Lab Note: Hyperflow hardware can scale to sizes equivalent to conventional charging hardware. Regulation is achieved by immediately supplying no more than the maximum voltage accepted by the load, without active components (such as transistors or integrated circuits). Rectification is achieved as the charging system reacts to the polarity of the load, without active components (such as diodes, transistors or bridges).

#3 RAPID CHARGING

Hyperflow can charge batteries as fast as physically possible.

Lab Note: Hyperflow works the same with L-ion batteries as with lead-acid or any other battery chemistry.