

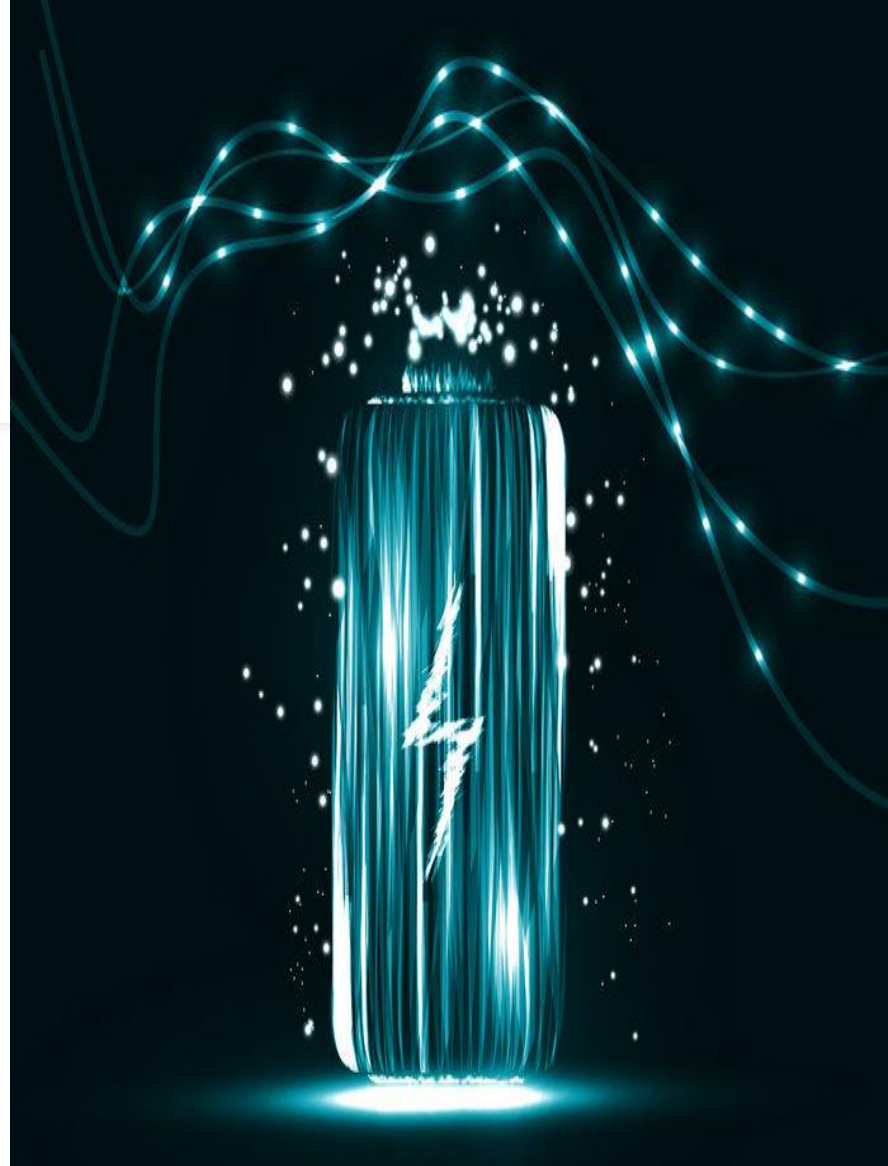


Break-through cargo monitoring technology
Providing shipping clients peace of mind

Battery Life Explained Best Practices

July 30, 2020

<https://www.opticallock.com/>





Estimated Battery Life Technical Specs

REPORTING FREQUENCY	ESTIMATED BATTERY LIFE – WIFI USAGE [Best Practice when possible]	ESTIMATED BATTERY LIFE – CELL USAGE [In transit, out of WIFI range]
Highest Frequency [every 1-2 minutes]	~17 hours	~20 hours
Every 15 minutes	~5 days	~5 days
Every 1 hour	~20 days	~20 days
Every 2 hours	~46 days	~50 days [~6 weeks]
Every 4 hours	~85 days [~3 months]	~71 days [~2 months]
Every 12 hours [twice per day]	~186 days [~6 months]	~163 days [~5 months]
Every 24 hours [once per day]	~267 days [~9 months]	~242 days [~8 months]
Maximum life	~15 months	~15 months



Estimated Battery Life*

General Use

REPORTING FREQUENCY	ESTIMATED BATTERY LIFE
Highest Frequency [every 1-2 minutes]	~20 hours
Every 15 minutes	~5 days
Every 1 hour	~20 days
Every 2 hours	~7 weeks
Every 4 hours	~2 months
Every 12 hours [twice per day]	~5 months
Every 24 hours [once per day]	~8 months
Maximum life	~15 months

* International, inter-modal use cases may vary depending on WIFI or Cell



“Optimize Your Lock’s Batteries”

Battery Best Practices

- Set your lock reporting frequency to the minimum acceptable reporting times; the more frequent the device wakes up to report, the more battery life is used
- Remember that reporting frequency drives Lock Status reports
- Notes about Tracking Mode:
 - * Tracking mode may result in higher data charges
 - * Tracking mode is also *Recovery Mode*; asset recovery can offset higher data charges
- Tracking mode starts when:
 - The associated Geofence detects Outside Fence or Boarder Crossing status; once an Alert is reported, we recommend you clear the Alerts for the Geofence once the issue is acknowledged and/or remedied;
 - The lock’s security has been compromised

Thank you

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<https://www.opticallock.com/>

Need Assistance?

Email us at Support@OpticalLock.com