

# WHEN SHOULD YOU CONSIDER YOUR BATTERY?

Did you know?

Most OEMs don't consider the battery during concept design. This has implications on their product further along in the product life cycle.

**MORE THOUGHT**  **BETTER DESIGN**

You should involve a battery manufacturer in the product's development early in the design stage.

What you really need to decide is:

**What is important - cost, power consumption, size, runtime, or weight?**

## Concept design



Want the best results? Start asking now. At this stage, anything is possible. Consulting a battery manufacturer from the initial stages will guarantee the perfect power fit for your device.

Develop your product from concept to prototype. Allocating sufficient battery space here, rather than as an afterthought, means you don't have to sacrifice any power by limiting battery size.

## Development



## Manufacturing



If you're only now considering batteries, don't panic! Custom battery manufacturers can still provide a solution without you needing to redesign. But be aware: there may be design limitations.

Your product is on the market but your runtime is poor - maybe your battery could benefit from a technology upgrade?

## Maintenance



## Things to consider

★ Besides your battery! ★

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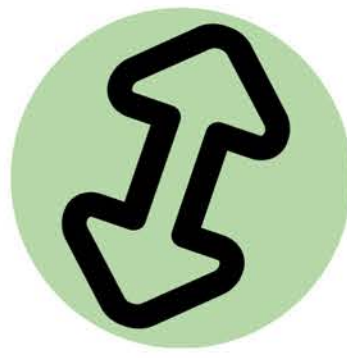


## To go, or not to go?

Portable and handheld? Stationary and bulky? This impacts on the power requirements.

## Size matters!

Smaller devices mean less space for your battery - make sure your battery is big enough for your performance requirements



## Apple and oranges

It might be sleek, futuristic and handy for your smartphone, but is an embedded battery really the right choice? A removable battery increases the usable life of your device.