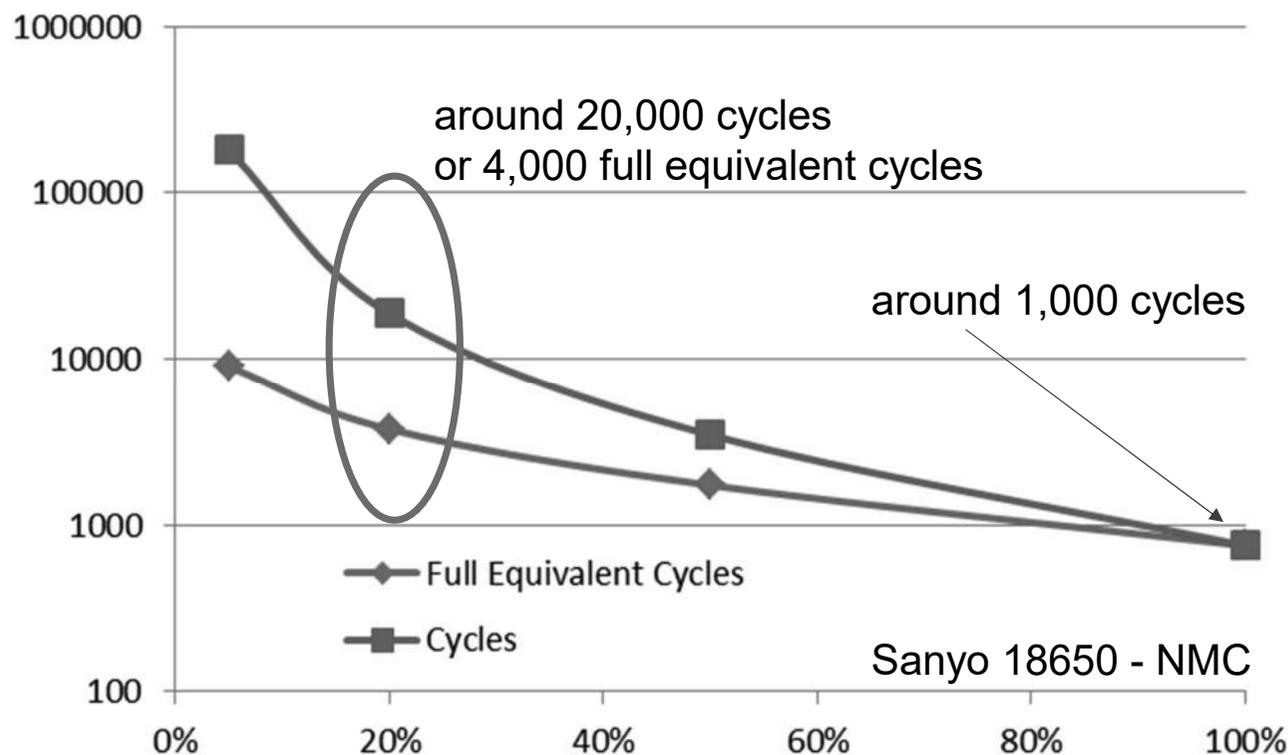


## V2G: Batteries deliver much more energy than necessary for vehicle operation



20% DOD einer 60 kWh Batterie sind 12 kWh, die täglich ohne nennenswerte Einbuße an Lebensdauer zusätzlich genutzt werden können.

1,000 full equivalent cycles @ 400 km driving range → 400,000 km mileage

Recharging after 80 km driving  
 → 20% DOD  
 → 4,000 full equivalent cycles  
 → 20,000 cycles  
 → 1,600,000 km mileage

Vehicle to home scenario:  
 - 10 years service life  
 - 1 service to the grid per day with 20% DOD is 12 to 16 kWh @ 3 kW  
 → Typically 4 hours of service

→ Approx. 4,000 cycles @ 20% DOD in 10 years

**No problems 😊**