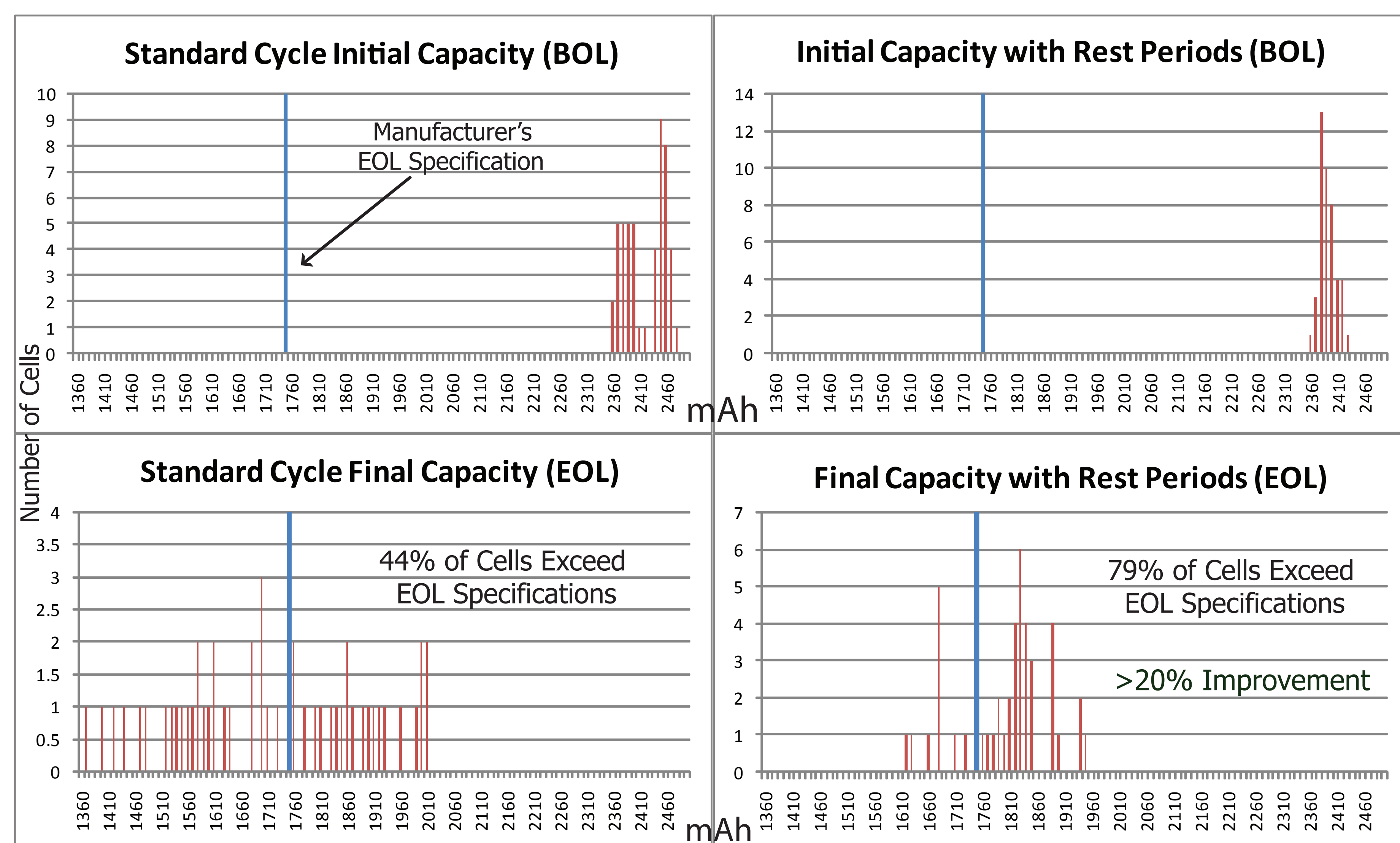


## Software Configurable Battery

- Longer range
- Longer life
- High reliability
- Accurate fuel gauge
- Variable power output



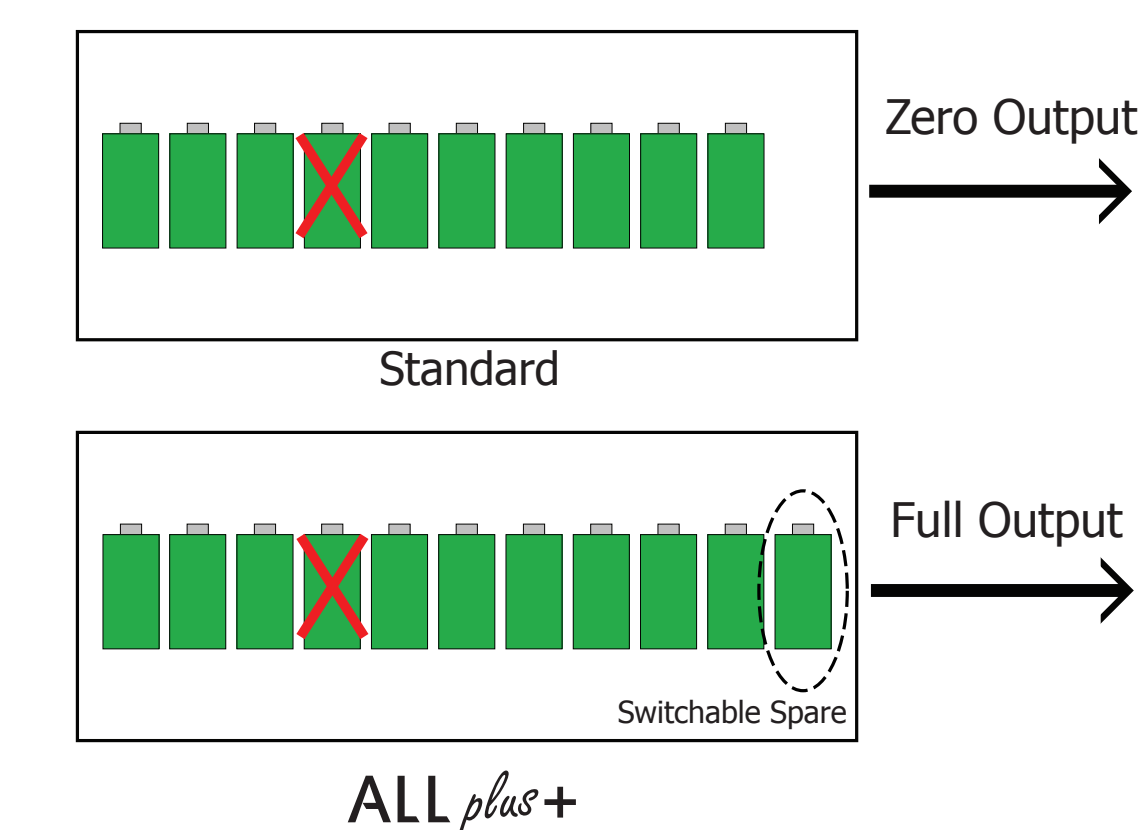
## Increase in Cycle Life Due to Rest Periods



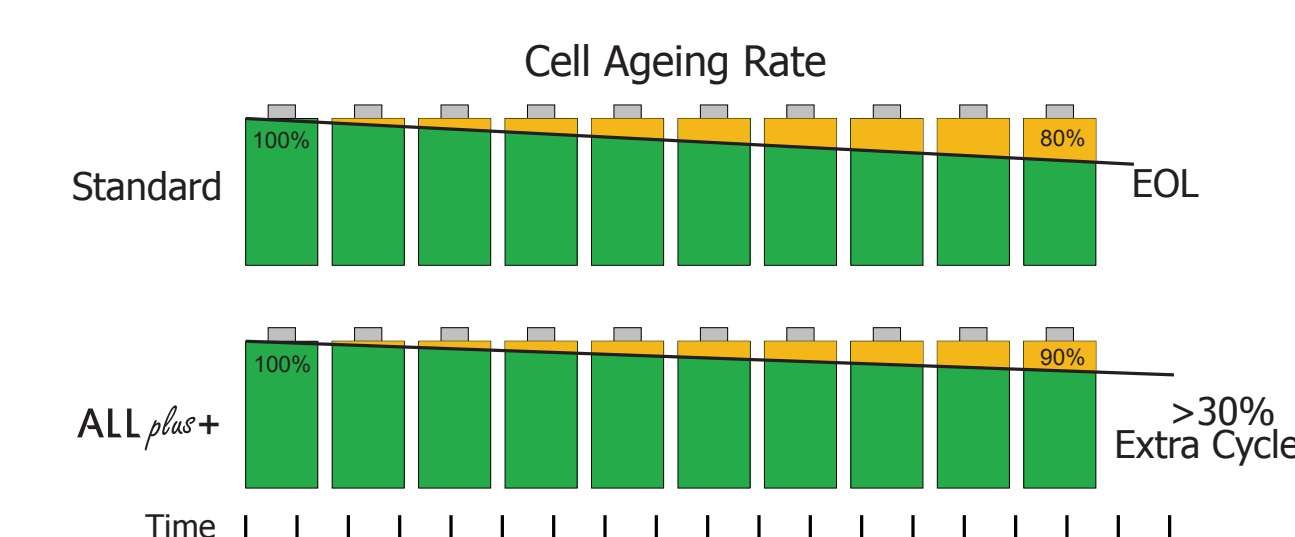
- The rest periods reduce stress on the cells, resulting in increased battery lifetime
- Sequential cycling rests each cell in turn so that all cells in the battery age at the same rate
- A switching matrix provides controlled access to individual cells and an extra cell in the battery string provides redundancy and increases charge capacity
- The redundant cell is bypassed and rested while remaining cells carry the load

## Features and Benefits

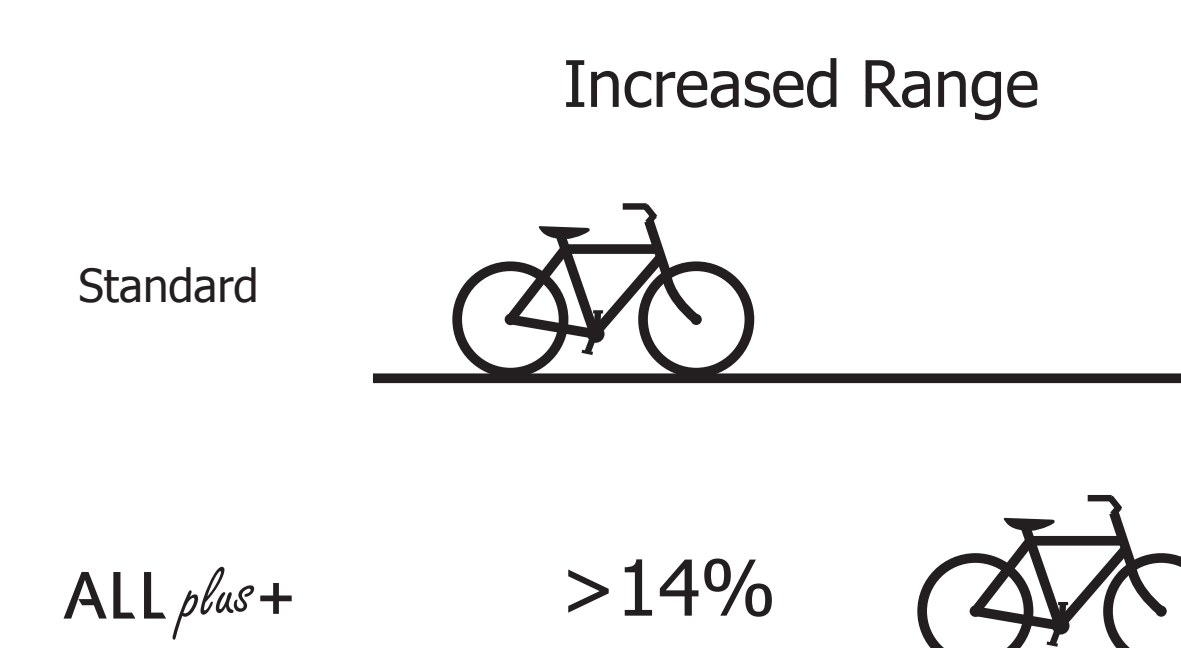
- Immunity to cell failure



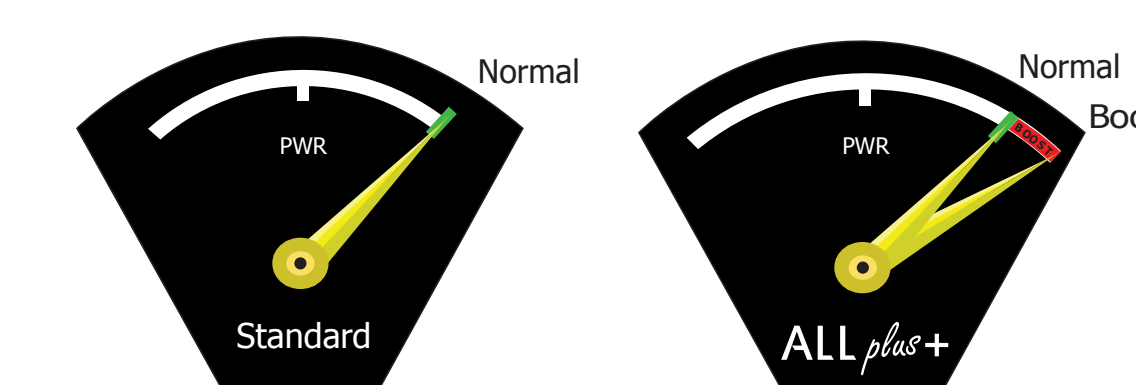
- Increased cycle life



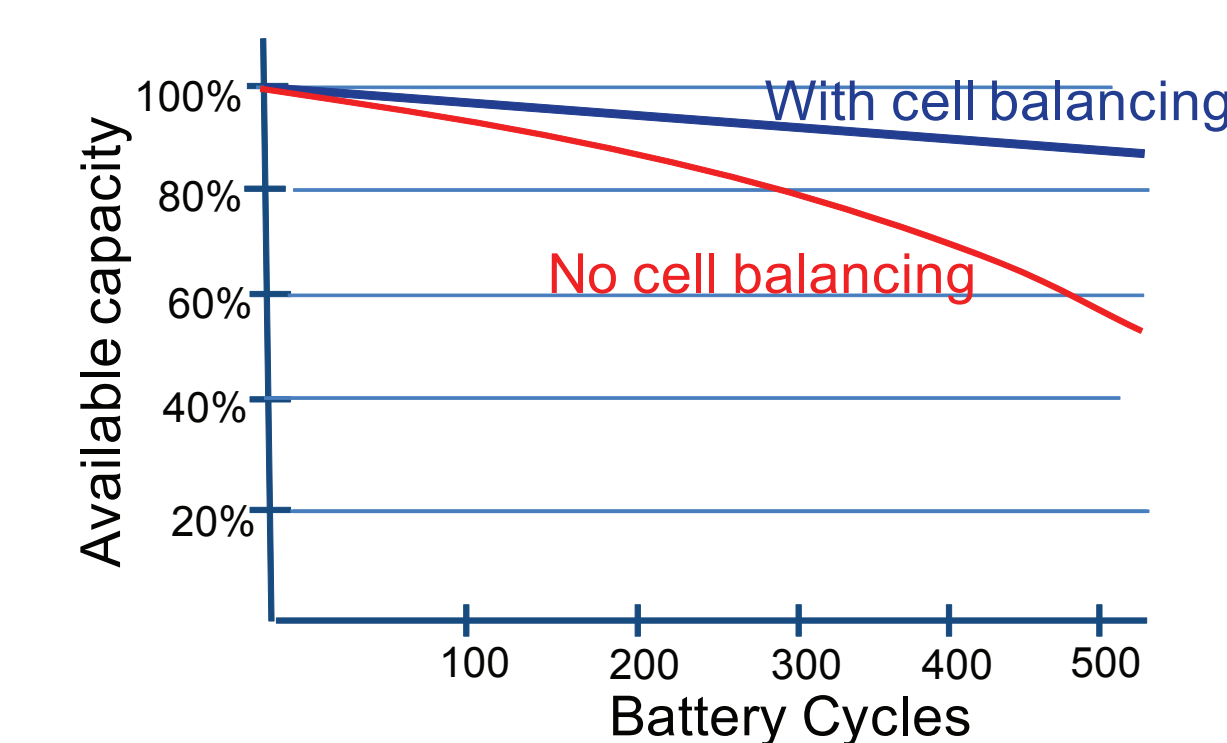
- Increased capacity (Range)



- Short term power boost



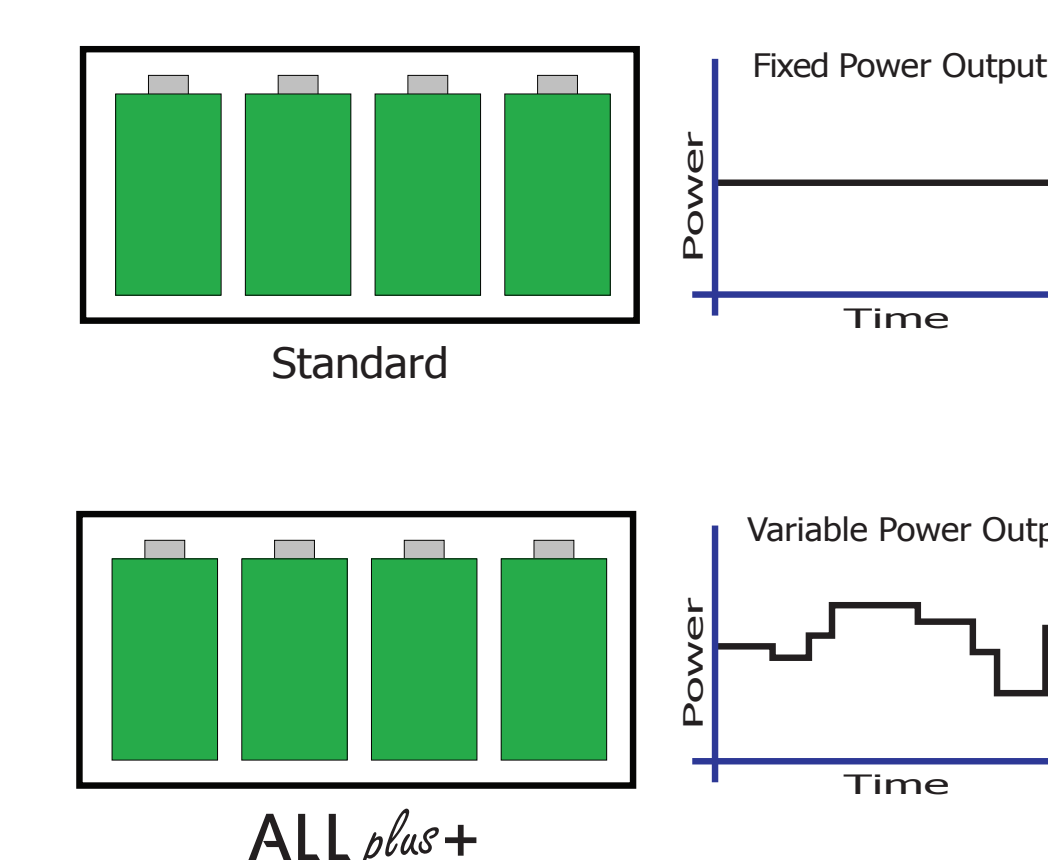
- Lossless cell balancing



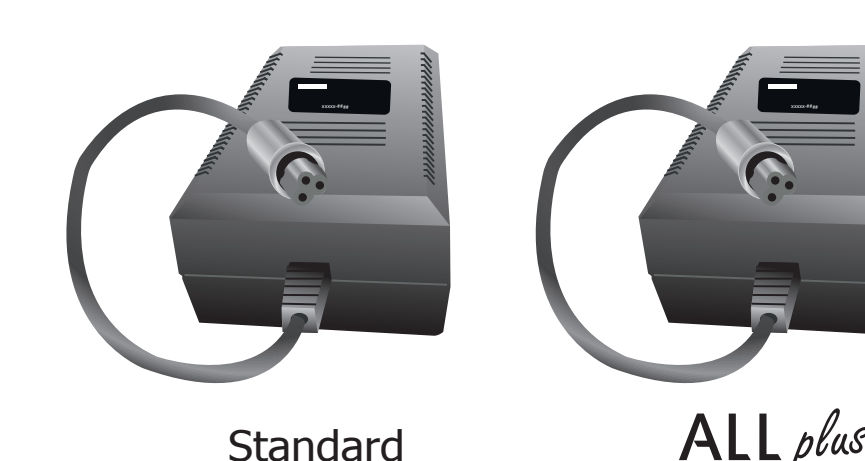
- More accurate state of charge



- Variable power output (Enables reduced controller costs)



- Does not need a special charger



- Lower capital cost per cycle

