

WHAT KIND OF BATTERY DOESN'T NEED TRUE BALANCING?

- ① If the capacity of every cell in every one of your batteries is perfectly matched on day one, ***and...***
- ② If the SOH's of all cells in every one of your batteries will be exactly equal for the life of the battery, ***and...***
- ③ If the SOC's of all cells in every one of your batteries will stay perfectly balanced for the life of the battery, ***and...***
- ④ If the self-discharge rate of each cell in every one of your batteries is identical for the life of the battery, then...

Congratulations! Your batteries don't need balancing (of any kind).

For all other batteries, there is True Balancing.

By the way, a battery that meets those four criteria doesn't exist today – and may never exist. Variations in cell characteristics are inevitable in real-world batteries. And variations in cell characteristics rob the battery of capacity and shorten the battery's life.

True Balancing automatically compensates for variations in cell capacity, SOH, SOC and self-discharge rates, getting maximum performance out of the battery for the entire life of the battery.

In other words, every battery in the world today will experience improved performance by switching to True Balancing.