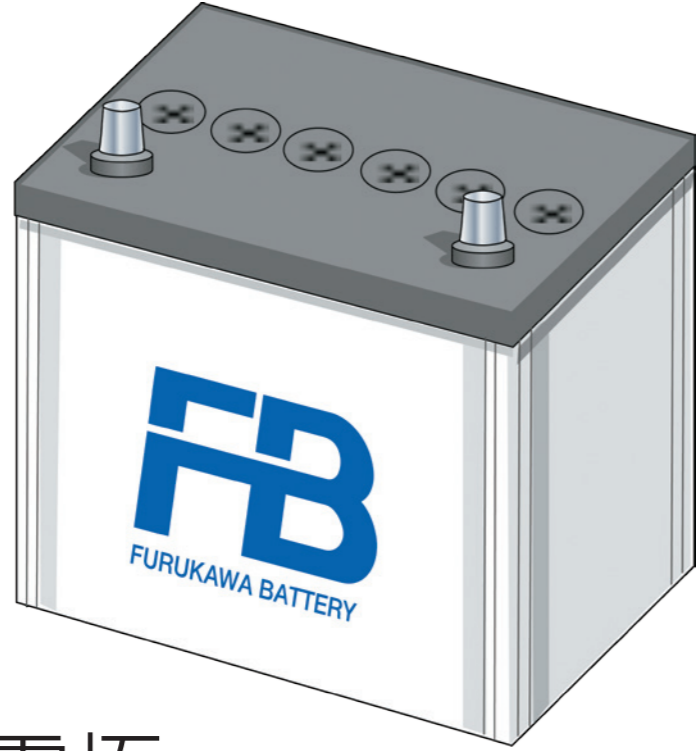


## 鉛バッテリー Lead-Acid Battery



- 鉛の電極
- 化学反応で電気をためる

Adopting lead as electrode, the device taking charge and discharge with chemical reaction.

**容量が大きい  
大電流放電が得意**  
Higher capacity  
Stronger to large current discharging

## キャパシタ Electrical Capacitor



- カーボン電極
- 物理的に電気をためる

With no chemical reaction, the device taking charge and discharge, absorbing and desorbing electrons.

**急速充電が得意  
劣化しにくい**  
Stronger to fast charging  
Less deteriorate by charging and discharging



## 融合

Both merits are fused

究極の  
鉛バッテリーの誕生

# UltraBattery

- 充電回復がスピーディ!
- 厳しい環境でもパワフル!

UltraBattery can get to recover full charge condition quickly and has big advantage for charge acceptability.

### ●負極板の構造

UltraBatteryは、負極板の両面に当社独自技術のキャパシタ層\*1をハイブリッドした特殊な構造。

**キャパシタ機能で充電回復スピードUP!**

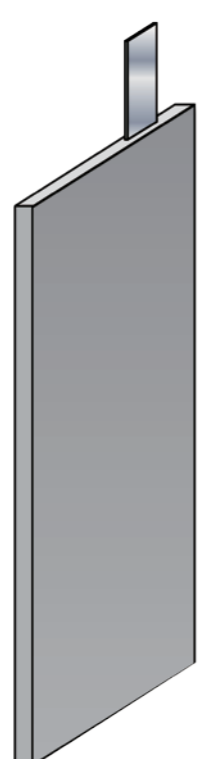
### ●Structure of negative electrode

FB original design with the unique manufacturing method to improve the charge acceptance.

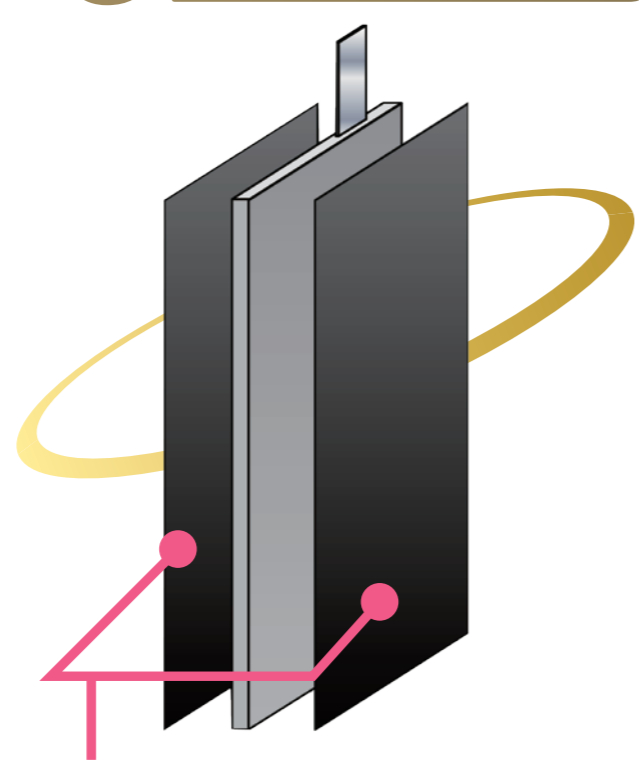
**The electrical capacitor function\*1 increases speed of recharging recovery**

従来鉛バッテリー

Conventional lead-acid battery



UltraBattery



キャパシタ層 Carbon electrode

\*1...キャパシタ機能を持った特殊素材(特許取得済み)

\*1...Special material the provides the electrical capacitor function (our patented technology)

### ●充電不足でも長寿命

キャパシタ層をハイブリッドさせ、充電回復性能がUPしたことでバッテリーが苦手とする充電不足状態も克服。

従来バッテリーと比較して **約2倍の寿命性能!**\*2

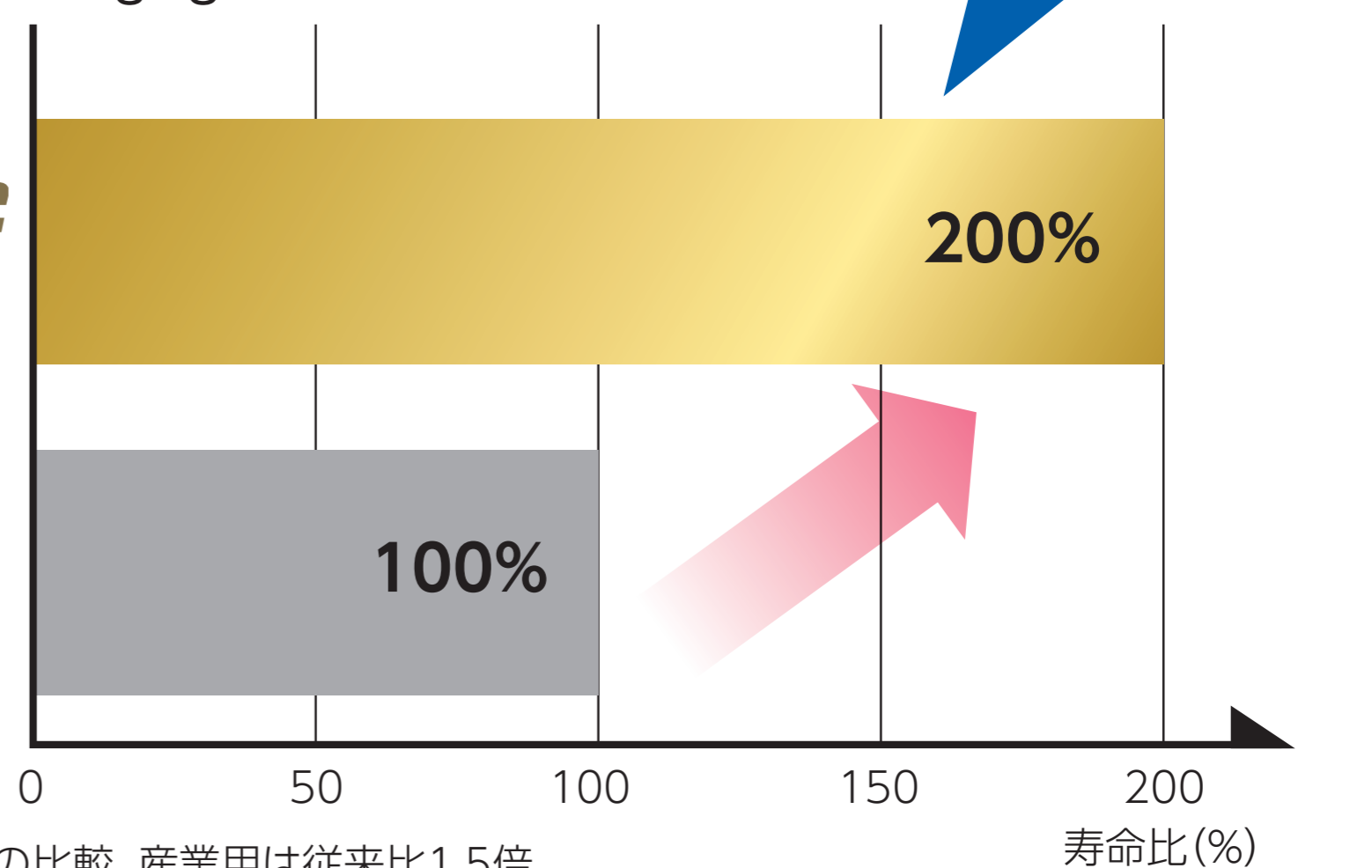
### ●Longer life span even under poor charge state!

The UltraBattery is fused the electrical capacitor performance into the conventional lead acid battery so as to have better charging and longer life span performance than the conventional battery does.

**Double long life span**\*2 comparing to the conventional battery for Start-Stop Car belonging to FBJ.

UltraBattery

従来鉛バッテリー  
FBJ Conventional Battery



**2倍  
長寿命化  
Double  
Achieved longer  
life span**

\*2...自動車用UltraBatteryの比較。産業用は従来比1.5倍

\*2...Compared with automotive UltraBattery. Industrial type is 1.5time the conventional battery.