

# LIFEPO<sub>4</sub> BATTERY CELL

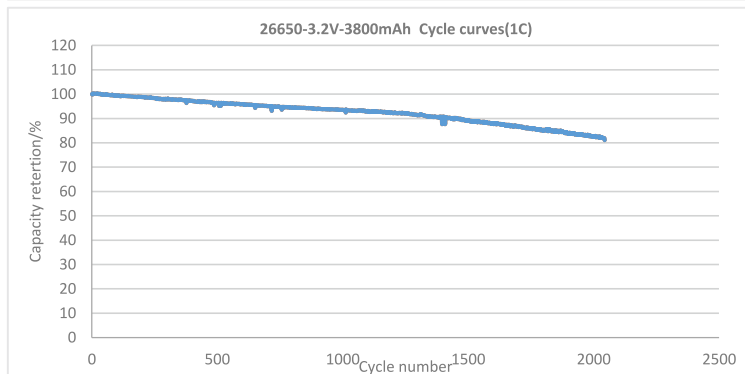
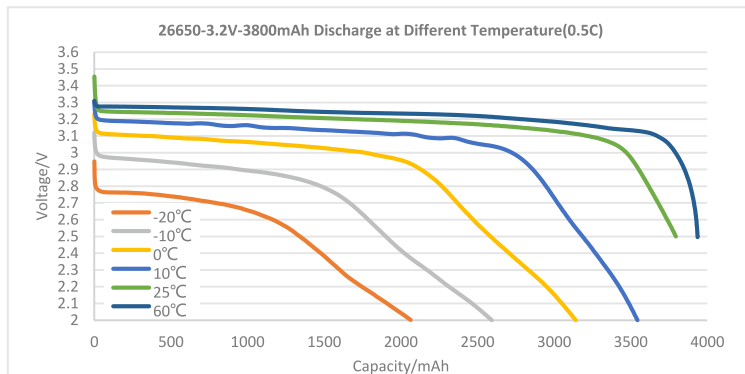
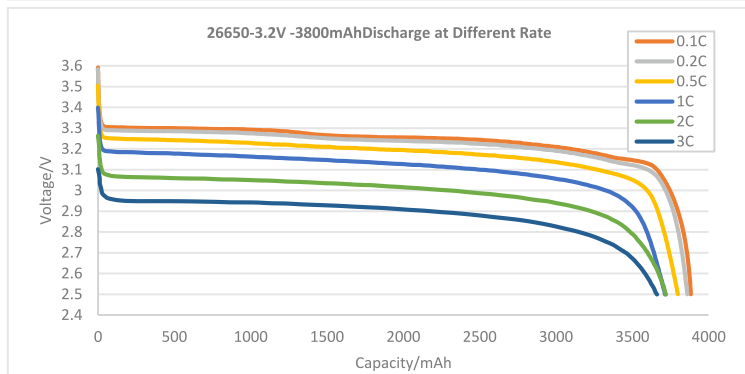
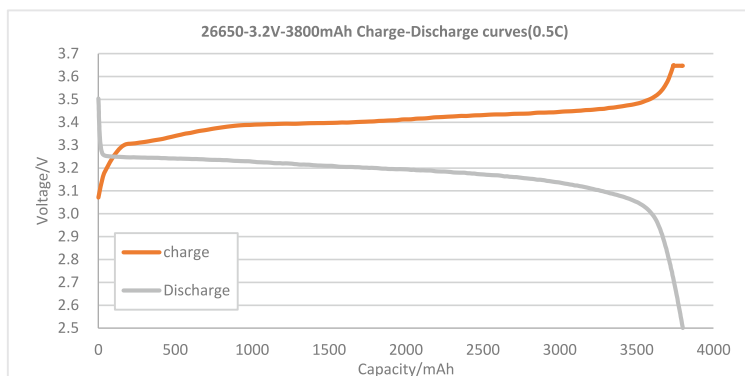
## 26650-3.2V-3800mAh



Lithium iron phosphate (LiFePO<sub>4</sub>) battery technology delivers stronger discharge power and higher energy density, together with excellent safety performance and extreme long cycle life.



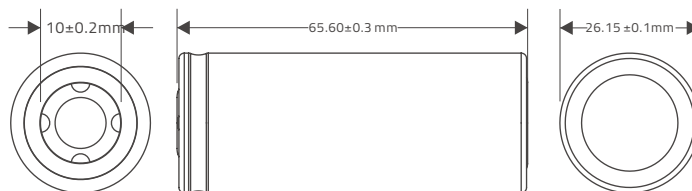
### Characteristics Curves



### Cell Technical Data

Cell Size	26(Dia)x65(H)mm
Cell Weight	87.5g
Rated Capacity(1C/25°C)	3800mAh
Nominal Voltage	3.2V
Cell AC Impedance	≤25mΩ
Cell Energy Content	12.16Wh
Cell Energy Density	139.0Wh/kg
Charge Condition	CC/CV   3.65VDC
Max. Charge Current	3.8A
Discharge Cut-off Voltage	2.5V
Max Con. Discharge Current	11.4A
Pulse Discharge Current	15A (5s)
Cycle Life (100%DOD/1C/>80% remain)	>2000 cycles
Cycle Life (50%DOD/1C/>80% remain)	>7000 cycles
Charge Temperature	0°C-45°C
Discharge Temperature	-20°C-60°C
Storage Temperature	-20°C-45°C

### Cell Drawing



### Applications

- Solar & Wind Energy Storage
- Electric Vehicles
- Backup Power Supply
- All Electronic Equipments