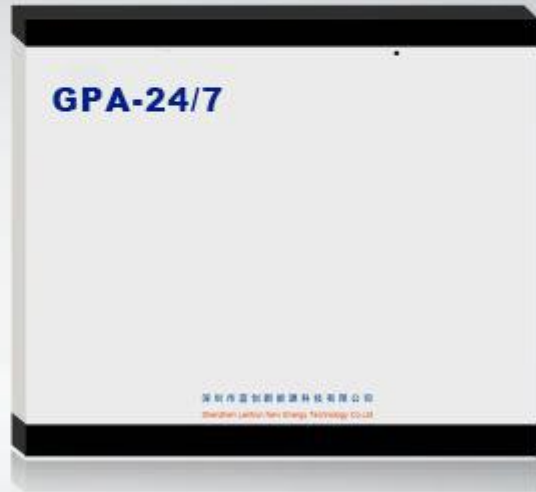


# Lithium Battery

## GPA-24/7

### Features:

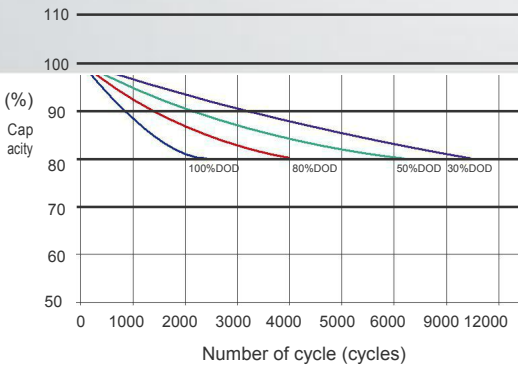
- ◆ Zero export to grid option
- ◆ Reactive Power Control (RPC)
- ◆ U-disk for software updating
- ◆ Light weight in small size
- ◆ Without LCD, no risk of dust or water
- ◆ Seperate APP setting/monitoring
- ◆ Wi-Fi/GPRS
- ◆ Local monitoring



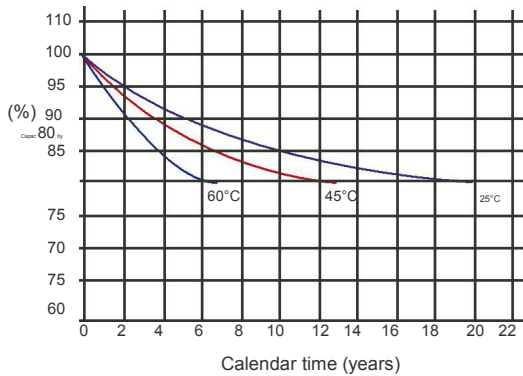
[www.yiraytech.com](http://www.yiraytech.com)

Contacts:  
[douglas@yiraytech.com](mailto:douglas@yiraytech.com)  
 +61 406 315 098

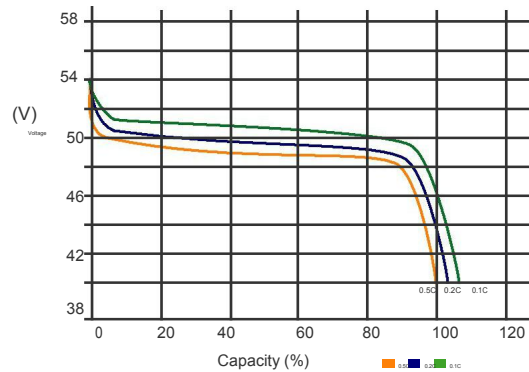
Cycle life with DOD at 25°C , 0.5C



Float life with temperature



Discharge Performance at R.T



# SPECIFICATION

## BAT 5.0 NCA

## BAT 5.0 Fe

### **Nominal Parameters**

Voltage	51.1Vdc	51.2Vdc
Capacity	95.4Ah	100Ah
Energy	4.88kWh	5.0kWh
Warranty	5 years	5 years
Dimensions(W/H/D)	710/610/167mm	710/610/120mm
Weight	46.5kg	74.5kg

### **Basic Parameters**

Life time(25°C)	10 years	12 years
Life time(40°C)	8 years	10 years
Life cycles(80% DOD, 25°C)	> 3000	> 4000
Maintenance	Free in warranty period	Free in warranty period
Storage time(-25°C~35°C)	3 months with powero	6months with powero
Operation temperature	-10°C~45°C	-20°C~55°C
Storage temperature	-40°C~60°C	-30°C~60°C
Transport standard	UN 38.3	UN 38.3
EMC standard	IEC 61000	IEC 61000

### **Electrical Parameters**

Operation voltage	46~57 Vdc	46.4~57.6 Vdc
Max. charging voltage	57 Vdc	57 Vdc
Max. charging current	45 A	50 A
Max. discharging current	45 A	50 A

### **Communication Parameters**

Network interface	RS485	RS485
Communication portocols	MODBUS	MODBUS