

S/N	Item	Technical Parameters	Remark
1	Cell Type	ZTIFP-20Ah	
2	Rated Voltage	51.2V	
3	Nominal Capacity	20Ah	0.2C standard charge after 0.5C standard discharge
4	-20 ℃ low temperature capacity	70%	
5	Discharge Cut-off Voltage	40.8V	
6	Charge Cut-off Voltage	57.6V	
7	Internal Resistance	$\leq 50\text{m}\Omega$ (with BMS)	Internal Resistance Of The Battery Pack $\leq 40\text{m}\Omega$
8	Standard Charge	0.2C constant current charge to 57.6V, then constant voltage 57.6V charge until the charge current $\leq 0.05\text{C}$	Charging Time: Approximately 6 hours
9	Standard Discharge	Rated discharge current: 0.5C Max Continuous Discharge Current: 1.5C	
10	operating temperature range	Charge: 0~60℃ Charge: -20~60℃	60±25% R.H.
11	Storage Temperature Range	0~25℃ (10~12 Months) -5~35℃ (2~3 Months)	$\geq 50\%$ SOC
12	Voltage differential	Dynamic Dropout Voltage At The End Of Charging $\leq 250\text{mV}$	
		Dynamic Dropout Voltage At The End Of Discharging $\leq 250\text{mV}$	
		Stand for 2h With electricity, Static Voltage differential $\leq 50\text{mV}$	
13	Cycle life	1500times ( $\geq 70\%$ Rated Capacity)	In Standard Environment ,0.2C charge/0.5C discharge.Let stand for 0.5h during each period
14	IP Rating	IP67	