

Pylontech, the force awakens



ENERGY TYPE CELL

Pylontech develop the energy type cells with our own unit design to ensure the high energy density with long cycle life and the high safety standard. Our cell had been widely deployed in the energy storage system, UPS system, logistic vehicles and other areas.

|| Performance Advantage:



Energy Density 145Wh/kg

Small volume, Light weight

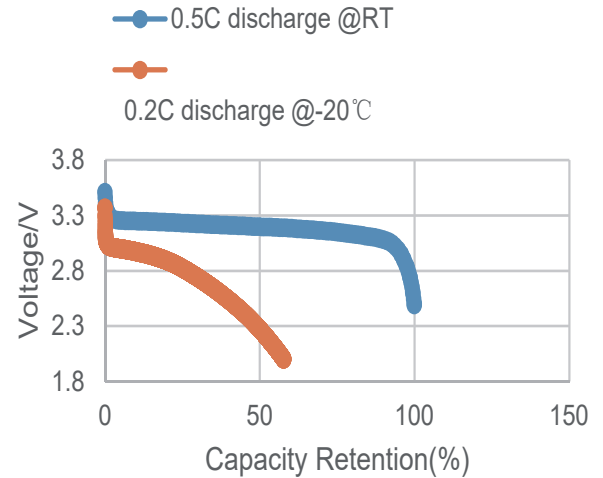
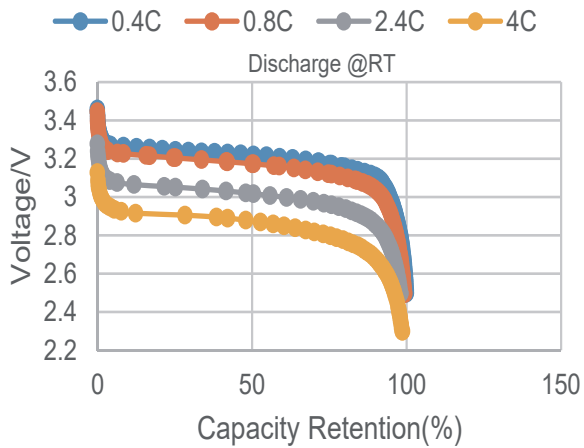
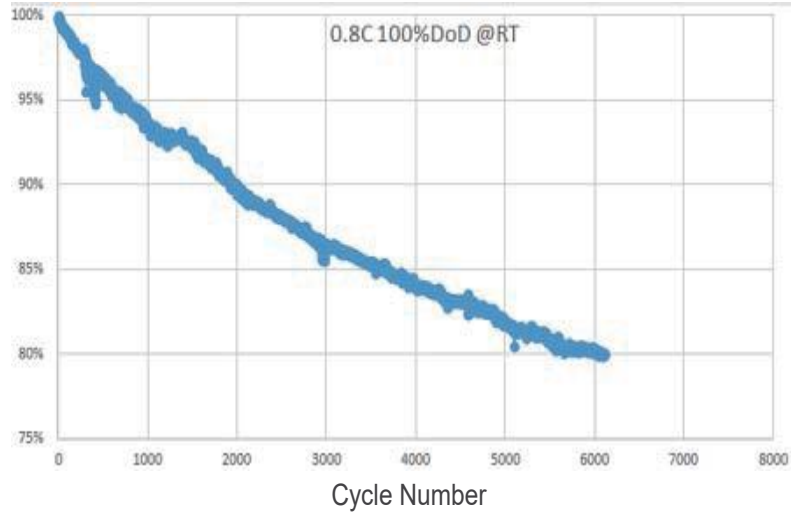
Normal cycle life more than 6000

Safety cert: CE、TÜV、TLC、UL、ROHS

Conformance to QC/T743-2006 testing standard

Performance Test

PF25N



Specification

Items	25N	37M	50N
Rated Capacity / Ah	25@0.2C	37@1C	50@0.5C
Nominal Voltage / V	3.2	3.2	3.2
Internal Impedance (1kHz AC) / mΩ	<1.2	<0.8	≤ 0.8
Standard Charge	0.2 C to 3.65V CC/CV, 0.02C	1C to 3.65V CC/CV, 0.05C	0.5C to 3.65V CC/CV, 0.05C
Standard Discharge	0.2 C to 2.5V	1 C to 2.5V	0.5C to 2.5V
Quick Discharge	0.5 C to 2.5V	1 C to 2.5V	1C to 2.5V
Max. continuous Discharge Current / A	75	111	50
Max. pulse Discharge Current (10S) / A	100	148	150
Charge Temperature / °C	5~45	5~45	5~45
Discharge Temperature / °C	-20~60	-20~60	-20~60
Charge Upper Limit Voltage / V	3.65	3.65	3.65
Discharge Threshold Voltage / V	2.5	2.5	2.5
Shelf Temperature / °C	-30~60	-30~60	-30~60
Storage Humidity	<85%RH	<85%RH	<85%RH
Weight / g	Approx:530	Approx: 750	Approx :940
Volume/cm ³	291.2	414.5	485.17