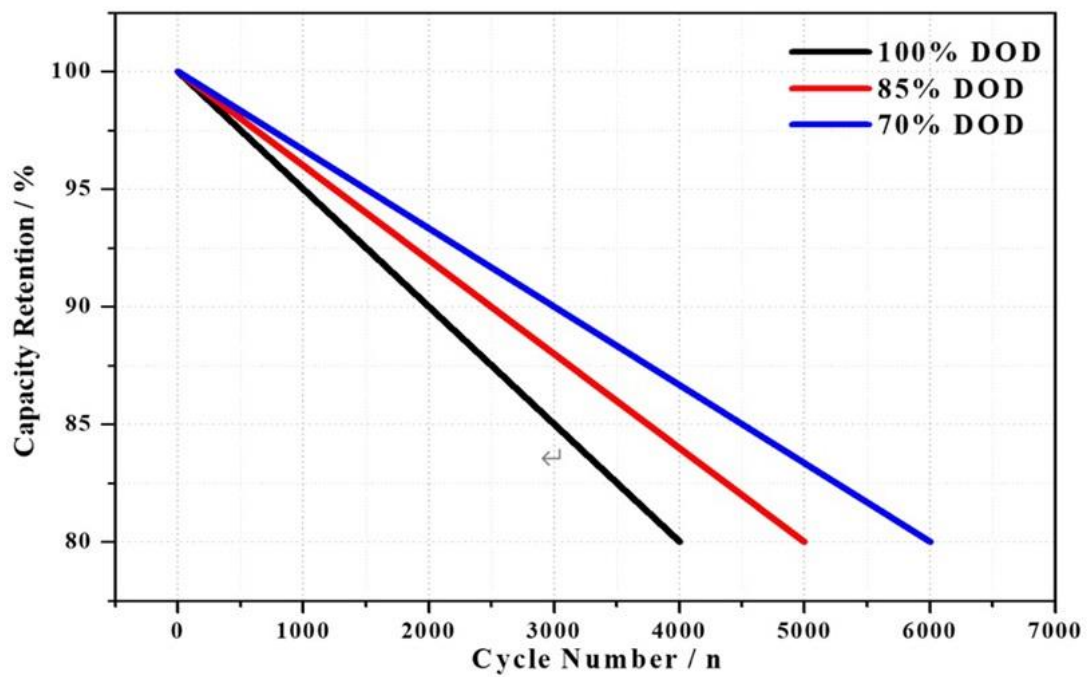


Specification:



Model		NE-48D100-WP
Electrical Characteristics	Nominal Voltage	48V
	Nominal Capacity	100Ah
	Energy	4800Wh
	Internal Resistance	≤100mΩ (without
	Cycle Life	≥5000 cycles (25
	Design Life	≥10 years @25℃
	Self-Discharge (90 days)	≤5%, @25℃
	Efficiency of Charge	≥98%
	Efficiency of Discharge	≥100% @ 0.2C ≥96% @ 0.5C
Charge	Charge Voltage	54.0V±0.5V
	Charge Mode	0.2C to 54.0V, the (CC/CV)
	Max. Charge Current	100A
	Charge Cut-off Voltage	56.25V±0.2V
Discharge	Max. Continuous Discharge Current	100A
	Discharge Cut-off Voltage	42V±0.2V
Environmental	Charge Temperature Range	0℃~60℃
	Discharge Temperature Range	-20℃~60℃
	Optimum Operation Temperature	5℃~45℃
	Storage Temperature	0℃~45℃, ≤85% r
	Water Dust Resistance	IP20
Mechanical	Case	Iron (Insulation pa
	Dimensions (including the handles)	442*450*156mm
	Weight	45kg
	Gravimetric Specific energy	107Wh/kg
Others	Method	15S Cylindrical ce
	Protocol	RS485 (3 Nos) / F
	SOC Light	4 * LED
	LCD Screen	Optional, the defa



Cycle Life at Different DOD @25°C