



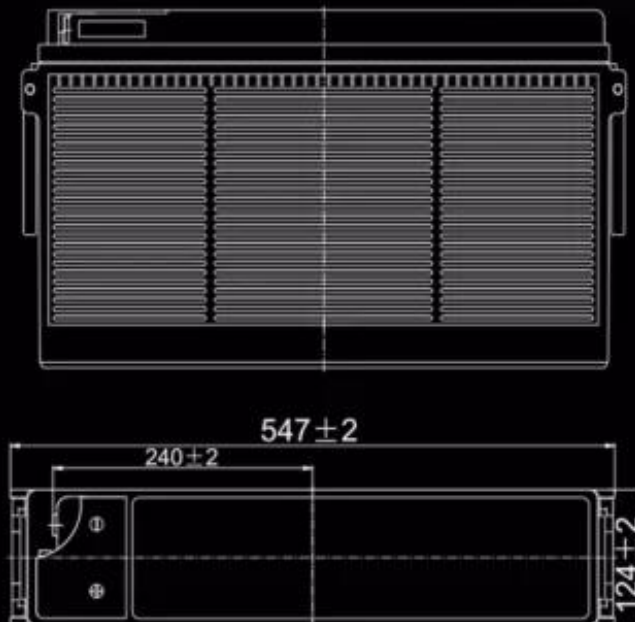
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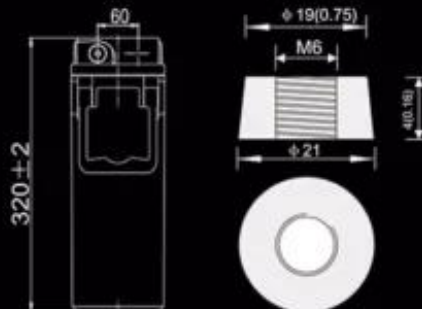
12V200AH



Outer dimensions (mm)



Terminal Type (mm)



■ T4 Terminal
Unit: mm [inches]



ni ADDO



Specification:

Battery Model	Nominal Voltage		12V		
	Rated capacity(10HR)		200Ah		
Dimensions	Length	Width	Height	Total Height	
	547mm (21.53 inches)	124mm(4.88 inches)	310mm(12.20 inches)	320mm(12.59 inches)	
Approx Weight	55.5kg(122.35 lbs)±3%				
Capacity 25°C (77°F)	20hr (10A, 10.8V)	10hr(20A, 10.5V)	8hr(24.73, 10.8V)	5hr(35.59A, 10.5V)	1hr(115.89A, 10.2V)
	200AH	200AH	197.84AH	177.95AH	115.89AH
Max. discharge current	2000A(5Sec.)				
Internal Resistance	Full charged at 25°C: Approx 3.8 mΩ				
Capacity affected by Temp.(10HR)	40 °C (104 °F)	25 °C (77 °F)		0 °C (32 °F)	
	103%	100%		86%	
Self Discharge at 25 °C (77 °F)	After 3 months storage		After 6 months storage		After 12 months storage
	91%		82%		64%
Charge method 25 °C (77 °F)	Cycle Use			Float Use	
	14.4-15.0V(Initial charging current less than 60.0A)			13.5-13.8V	

Constant Current(Amp) and Constant Power(Watt) Discharge Table at 25 °C (77 °F)

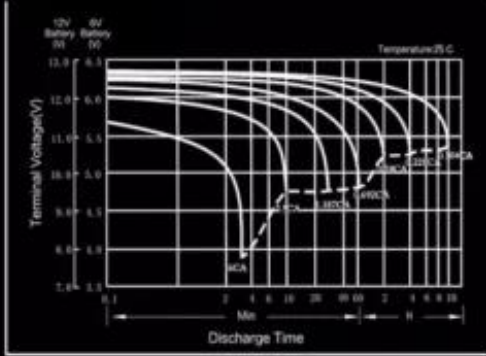
F.V/time	15MIN	30MIN	60MIN	90MIN	2HR	3HR	5HR	8HR	10HR	20HR
160V	327.800	205.500	117.600	86.070	74.035	52.738	35.991	25.484	20.753	11.363
	632.654	409.356	234.612	171.855	148.132	105.519	72.011	50.989	41.523	22.735
167V	310.771	201.109	116.748	85.217	73.667	52.461	35.792	25.269	20.430	10.795
	600.257	400.810	232.928	170.196	147.518	105.155	71.744	50.664	40.962	21.643
170V	303.109	199.353	115.896	85.132	73.482	52.328	35.783	25.016	20.172	10.507
	585.909	397.322	231.507	170.094	147.210	104.918	71.746	50.182	40.466	21.077
175V	290.337	195.840	114.191	84.024	73.021	52.000	35.594	24.946	20.000	10.340
	561.802	390.605	228.667	168.049	146.262	104.312	71.402	50.080	40.150	20.758
180V	278.417	191.449	113.339	83.428	72.560	51.723	35.495	24.731	19.677	9.999
	539.572	382.019	227.246	167.273	145.366	103.809	71.238	49.685	39.532	20.088
185V	263.943	186.179	111.635	82.490	71.915	51.262	35.297	24.409	19.355	9.658
	512.049	371.774	224.163	165.806	144.137	102.986	70.911	49.086	38.923	19.423



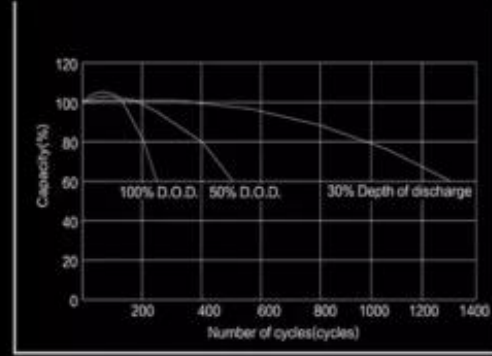
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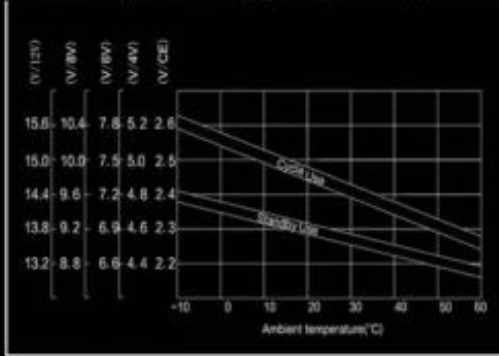
Discharge characteristic Curve



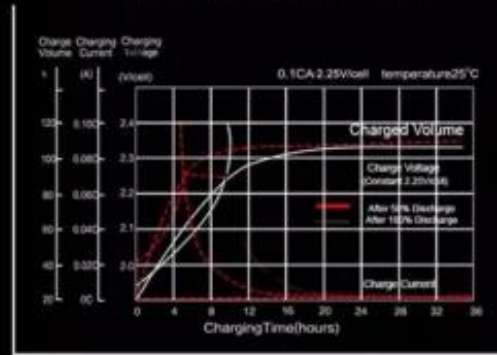
Cycle service life in relation to depth of discharge



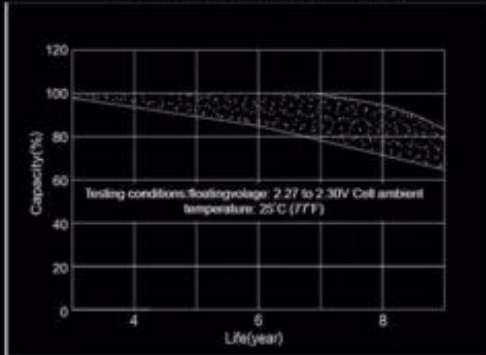
Relationship between charging voltage and temperature



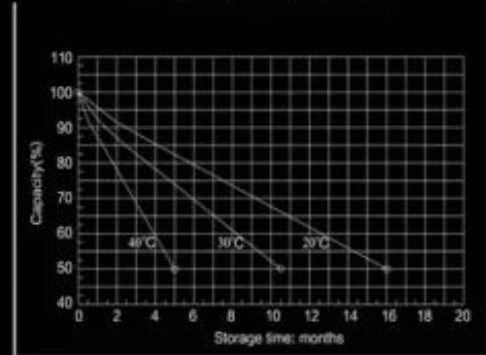
Float charging characteristic (at 25°C)



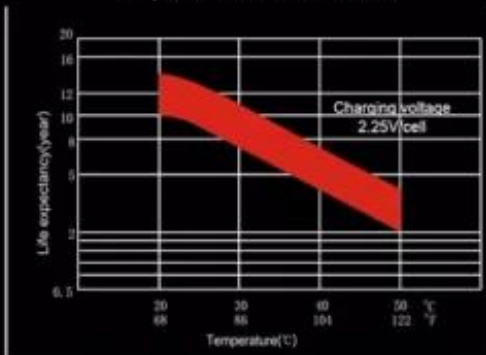
Life characteristics of standby use



Self-discharge characteristic



Temperature effects on float life



Charge characteristic Curve for standby use

