

动力电池

储能电池

备用电池

摩托车电池



TN12-200B

规格书

额定电压	12V	
容量(25°C)	200Ah	20hr Rate (1.80V/cell)
	193Ah	10hr Rate (1.80V/cell)
	171Ah	5hr Rate (1.75V/cell)
	160Ah	3hr Rate (1.70V/cell)
	113Ah	1hr Rate (1.60V/cell)
壳体材料	ABS (阻燃ABS壳体可选)	
使用温度范围	放电	-20 ~ +50°C
	充电	0 ~ +40°C
	储存	-15 ~ +40°C
不同温度下 电池容量系数	40°C / 104°F	106%
	25°C / 77°F	100%
	0°C / 32°F	86%
	-10°C / 14°F	65%
充电	浮充电压	2.23 -2.27V/单格@25°C, 温度补偿系数: -3mV/单格/°C
	均充电压	2.35 -2.40V/单格@25°C, 温度补偿系数: -3mV/单格/°C
	循环使用电压	2.40 -2.50V/单格@25°C, 温度补偿系数: -5mV/单格/°C
最大充电电流	60A (0.3C)	
最大放电电流 (5S)	2000A	
电阻	2.7mΩ	
自放电	<3%, TN系列储存在25°C 时需每6个月进行一次补充充电, 环境温度更高时则充电间隔时间越短	

放电性能

恒电流放电表 (25°C/77°F) 单位: A														
F.V/Time	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	297.0	247.1	206.5	159.9	120.7	97.60	61.39	47.52	38.60	31.70	27.31	22.05	18.67	9.956
1.80V/cell	345.9	280.3	230.2	175.7	132.9	105.75	65.33	50.22	40.58	33.31	28.70	22.93	19.33	10.010
1.75V/cell	378.5	299.6	243.1	184.1	138.1	109.88	67.85	51.67	41.66	34.19	29.41	23.29	19.54	10.193
1.70V/cell	410.6	319.3	257.4	192.6	142.6	113.44	70.18	53.47	42.89	35.06	30.03	23.64	19.79	10.361
1.67V/cell	444.4	340.4	274.3	201.9	147.3	117.36	72.34	55.43	44.29	36.15	30.69	24.00	20.09	10.437
1.60V/cell	389.5	313.0	259.1	191.3	141.0	113.17	70.74	54.26	43.48	35.89	30.82	24.57	20.59	10.939

恒功率放电表 (25°C/77°F) 单位: W														
F.V/Time	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	545.2	458.0	386.4	302.4	228.1	185.15	117.12	91.08	74.16	61.16	53.11	43.05	36.93	19.699
1.80V/cell	626.4	513.1	425.6	328.5	248.8	199.58	124.08	95.86	77.65	63.98	55.62	44.64	38.16	19.902
1.75V/cell	672.5	541.2	445.6	341.8	256.7	206.62	128.45	98.30	79.53	65.55	56.84	45.30	38.52	20.102
1.70V/cell	717.7	570.3	468.2	355.0	263.5	212.27	132.38	101.40	81.66	67.03	57.90	45.91	39.02	20.408
1.67V/cell	764.5	600.9	494.4	369.5	270.3	218.21	135.63	104.66	84.05	68.80	59.01	46.57	39.58	20.612
1.60V/cell	683.2	562.2	474.2	355.4	262.0	212.22	133.69	103.14	82.92	68.78	59.54	47.78	40.66	21.620