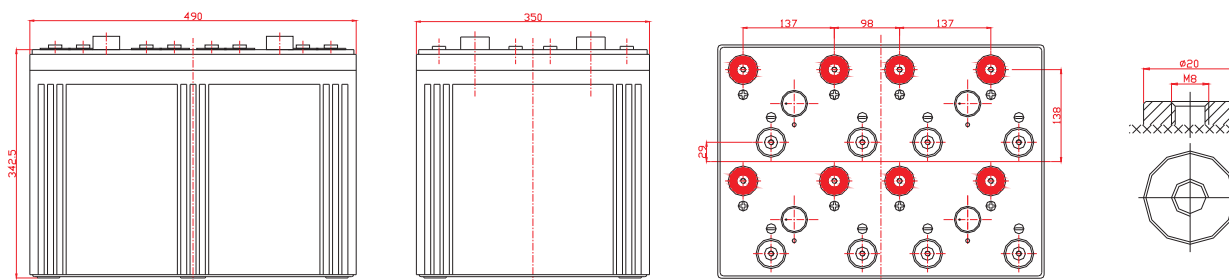


Power Battery PA2-2000 is a general purpose 2v variant of our PA12V series, rated at 2000Ah. It's built to the same high standards that distinguish all Power Battery products.

Power Battery PA2-2000

Cells Per Unit	1
Voltage Per Unit	2
Capacity	2000Ah@10hr-rate to 1.80V per cell @25°C
Weight	Approx. 126.5 kg
Max. Discharge Current	7000A (5 sec)
Internal Resistance	Approx. 0.72 mΩ
Operating Temperature Range	Discharge: -20°C~60°C. Charge: 0°C~50°C. Storage: -20°C~60°C.
Normal Operating Temperature Range	25°C ±5°C
Float Charging Voltage	2.27 to 2.3 VDC/unit Average at 25°C
Recommended Max Charging Current Limit	400 A
Equalization and Cycle Service	2.43 to 2.47 VDC/unit Average at 25°C
Self-Discharge	Typically stored for 6 months at 25°C. Self-discharge ratio less than 3% per month at 25°C. Please charge before use.
Terminal	Thread insert & Bolt (F10)

490(L)×350(W)×383(H) (mm)



Constant Current Discharge Characteristics A (25°C)

F.V/Time	15 min	30 min	1 hr	2 hr	3 hr	4 hr	5 hr	6 hr	8 hr	10 hr
1.60V	2715	2003	1289	766.1	570.6	454.9	383.0	321.7	259.7	217.1
1.65V	2582	1923	1233	738.2	546.6	438.9	367.1	314.0	248.1	213.3
1.70V	2408	1813	1209	726.2	534.7	434.9	363.1	306.2	244.2	209.4
1.75V	2138	1631	1113	686.3	506.7	411.0	347.1	290.7	236.4	205.6
1.80V	1840	1486	1049	654.4	486.8	407.0	335.2	286.8	232.6	201.7
1.85V	1556	1338	969.6	618.5	462.8	375.1	319.2	271.3	220.9	188.0

Constant Power Discharge Characteristics W (25°C)

F.V/Time	15 min	30 min	1 hr	2 hr	3 hr	4 hr	5 hr	6 hr	8 hr	10 hr
1.60V	4754	3650	2360	1419	1063	854.8	723.9	620.7	494.2	419.1
1.65V	4629	3630	2352	1399	1042	842.1	715.7	612.8	490.0	415.1
1.70V	4373	3436	2309	1378	1027	838.8	709.4	598.5	482.5	408.6
1.75V	3895	3096	2127	1305	989.7	796.7	679.6	569.1	467.3	402.1
1.80V	3372	2825	2005	1246	948.8	793.0	657.5	562.3	459.7	387.8
1.85V	2875	2547	1854	1179	903.8	734.6	627.5	532.7	436.8	373.4