

GNB Flooded
Classic



SPECIFICATIONS

High Rate Flooded Batteries

PDQ — LEAD CALCIUM

GNB

INDUSTRIAL POWER

**HIGH RATE
PDQ — LEAD CALCIUM**

**CAPACITIES — 1845 WPC to 4370 WPC
15 MINUTE RATE TO 1.67 V.P.C. @ 77°F (25°C)**

20 YEAR LIFE EXPECTANCY

SPECIFICATIONS

- Jar** — Styrene Acrylonitrile (SAN) Plastic
- Cover** — Acrylonitrile Butadiene Styrene (ABS) Plastic
- Separators** — Microporous Material
- Posts** — Two 1.75" x .5" (44.5mm x 12.7mm) solid copper-lead plated
- Post Seals** — Floating "O" Ring-Seal Nut
- Vents** — GNB "Pre-Vent" Flame Arrester
- Level Lines** — High and Low — All Jar Faces
- Electrolyte** — Height Above Plates - 2.37" (60.2mm)
- Electrolyte Withdrawal Tubes** — 2 per Cell
- Sediment Space** — 0.88" (22.4mm)
- Specific Gravity** — 1.250 @ 77°F (25°C)
Optional — 1.215 @ 77°F (25°C)

Inter-Cell Connectors — Lead Plated Copper

Sized for 15 min. rates to 1.67 V.P.C. For higher rates, heavier connectors must be specified.



Plate Dimensions	Height	Width	Thickness
Positive Plate	15.50 in 393.7 mm	12.50 in 317.5 mm	0.197 in 5.00 mm
Negative Plate	15.50 in 393.7 mm	12.50 in 317.5 mm	0.135 in 3.43 mm

Cell Type	Overall Dimensions (unit)						Weight				Electrolyte Per Cell	
	Length (L)		Width (W)		Height (H)		Net		Packed			
	in	mm	in	mm	in	mm	lbs	kg	lbs	kg	gals	liters
2-PDQ-11*	8.50	215.9	14.45	367.0	22.62	574.5	244	111	252	115	3.2	12.1
2-PDQ-13*	↓	↓	↓	↓	↓	↓	266	121	274	125	3.0	11.4
2-PDQ-15*	↓	↓	↓	↓	↓	↓	290	132	298	135	2.8	10.6
2-PDQ-17*	↓	↓	↓	↓	↓	↓	312	142	320	145	2.7	10.2
PDQ-19	7.32	185.9	14.45	367.0	22.62	574.5	205	93	212	96	5.6	21.2
PDQ-21	↓	↓	↓	↓	↓	↓	217	99	224	102	5.3	20.0
PDQ-23	↓	↓	↓	↓	↓	↓	228	104	235	107	5.1	19.3
PDQ-25	↓	↓	↓	↓	↓	↓	239	109	246	112	4.9	18.5
PDQ-27	↓	↓	↓	↓	↓	↓	250	114	257	117	4.7	17.8

*2 cells per unit

WATTS PER CELL FOR PDQ-11 THRU 27

1.250 Specific Gravity @ 77°F (25°C)

CELL TYPE	MINUTES													
	5	10	11	12	13	14	15	16	17	18	19	20	30	60
End Voltage — 1.75														
PDQ-11	2190	1800	1768	1700	1655	1620	1570	1535	1490	1460	1420	1360	1155	795
PDQ-13	2540	2140	2100	2005	1965	1885	1855	1800	1770	1710	1655	1600	1340	910
PDQ-15	2920	2450	2430	2350	2310	2230	2195	2145	2100	2040	1990	1910	1585	1015
PDQ-17	3200	2760	2720	2640	2560	2510	2440	2410	2340	2300	2220	2150	1780	1105
PDQ-19	3580	3070	3005	2925	2845	2780	2700	2660	2600	2555	2455	2375	1965	1225
PDQ-21	3935	3390	3325	3235	3140	3075	2985	2940	2870	2825	2715	2620	2170	1355
PDQ-23	4305	3710	3635	3540	3440	3365	3265	3215	3140	3090	2970	2870	2375	1485
PDQ-25	4670	4025	3945	3840	3730	3650	3545	3490	3410	3355	3220	3115	2580	1610
PDQ-27	5035	4340	4255	4140	4025	3935	3820	3760	3675	3615	3475	3355	2780	1735
End Voltage — 1.70														
PDQ-11	2450	1960	1925	1880	1845	1785	1760	1710	1665	1630	1580	1440	1205	820
PDQ-13	2845	2330	2285	2230	2190	2120	2090	2035	1975	1935	1880	1695	1395	935
PDQ-15	3270	2670	2650	2585	2535	2450	2365	2355	2290	2240	2175	2025	1655	1045
PDQ-17	3585	3010	2995	2920	2865	2770	2690	2660	2590	2530	2460	2280	1855	1140
PDQ-19	3925	3435	3315	3230	3170	3070	2985	2945	2865	2800	2720	2660	2125	1290
PDQ-21	4340	3800	3660	3570	3505	3390	3300	3255	3165	3095	3005	2940	2350	1425
PDQ-23	4750	4155	4010	3910	3835	3710	3610	3565	3465	3390	3290	3215	2575	1560
PDQ-25	5155	4510	4350	4240	4160	4025	3920	3865	3760	3680	3570	3490	2790	1690
PDQ-27	5555	4860	4690	4575	4485	4340	4225	4165	4050	3965	3850	3760	3010	1825
End Voltage — 1.67														
PDQ-11	2505	2100	2060	1990	1945	1885	1845	1800	1750	1705	1645	1630	1315	840
PDQ-13	2910	2475	2405	2330	2300	2210	2170	2115	2065	2005	1970	1920	1545	970
PDQ-15	3315	2850	2760	2675	2645	2540	2500	2440	2370	2320	2260	2215	1780	1090
PDQ-17	3680	3205	3105	3020	2965	2875	2790	2745	2660	2610	2540	2485	1980	1200
PDQ-19	4090	3560	3435	3355	3275	3190	3090	3025	2945	2885	2825	2740	2190	1325
PDQ-21	4520	3935	3800	3705	3615	3525	3415	3345	3255	3185	3120	3030	2420	1465
PDQ-23	4950	4305	4165	4055	3960	3860	3735	3660	3565	3490	3415	3315	2645	1605
PDQ-25	5370	4670	4610	4405	4295	4190	4055	3975	3865	3785	3705	3600	2875	1740
PDQ-27	5790	5035	4860	4745	4630	4515	4370	4285	4165	4080	3995	3880	3095	1875



WATTS PER CELL FOR PDQ-11 THRU 27

1.250 Specific Gravity @ 77°F (25°C)

CELL TYPE	MINUTES													
	5	10	11	12	13	14	15	16	17	18	19	20	30	60
End Voltage — 1.65														
PDQ-11	2550	2130	2075	2015	1965	1905	1875	1820	1775	1725	1685	1645	1325	855
PDQ-13	2970	2530	2445	2405	2345	2265	2230	2170	2110	2070	2030	1965	1580	900
PDQ-15	3415	2920	2835	2765	2675	2590	2550	2480	2435	2365	2320	2255	1805	1105
PDQ-17	3760	3210	3135	3065	2980	2895	2860	2765	2710	2650	2575	2520	2025	1205
PDQ-19	4175	3580	3475	3395	3295	3210	3170	3070	2985	2945	2865	2780	2230	1335
PDQ-21	4610	3955	3845	3750	3640	3550	3505	3390	3300	3255	3165	3075	2465	1475
PDQ-23	5045	4330	4205	4105	3985	3885	3835	3710	3610	3565	3465	3365	2695	1615
PDQ-25	5475	4700	4565	4455	4325	4215	4160	4025	3920	3865	3760	3650	2925	1750
PDQ-27	5905	5065	4920	4805	4660	4545	4485	4340	4225	4165	4050	3935	3155	1885
End Voltage — 1.63														
PDQ-11	2625	2170	2115	2050	2000	1940	1910	1855	1810	1755	1715	1670	1335	860
PDQ-13	3060	2580	2495	2450	2390	2310	2275	2210	2150	2110	2070	1985	1590	995
PDQ-15	3515	2980	2890	2820	2725	2640	2600	2490	2480	2410	2365	2275	1815	1110
PDQ-17	3870	3275	3180	3105	3015	2920	2890	2810	2735	2660	2605	2545	2040	1210
PDQ-19	4335	3680	3560	3520	3415	3295	3250	3170	3070	2985	2965	2945	2290	1350
PDQ-21	4790	4070	3935	3890	3775	3640	3595	3505	3390	3300	3280	3255	2530	1490
PDQ-23	5245	4455	4305	4255	4130	3985	3935	3835	3710	3610	3585	3565	2770	1635
PDQ-25	5690	4835	4670	4620	4485	4325	4270	4160	4025	3920	3895	3865	3005	1770
PDQ-27	6135	5210	5035	4980	4835	4660	4600	4485	4340	4225	4195	4165	3240	1910
End Voltage — 1.60														
PDQ-11	2635	2230	2160	2100	2040	1985	1950	1890	1850	1795	1770	1725	1365	885
PDQ-13	3070	2595	2525	2465	2405	2335	2305	2220	2175	2120	2070	2025	1630	1015
PDQ-15	3525	2995	2895	2860	2770	2690	2640	2570	2510	2430	2370	2330	1840	1140
PDQ-17	3915	3325	3220	3165	3085	2985	2910	2865	2785	2705	2675	2670	2065	1225
PDQ-19	4420	3750	3630	3590	3480	3360	3315	3230	3130	3045	3025	3005	2235	1375
PDQ-21	4880	4150	4010	3965	3850	3710	3665	3575	3455	3365	3345	3320	2580	1520
PDQ-23	5345	4540	4390	4340	4210	4060	4010	3910	3780	3680	3655	3635	2825	1670
PDQ-25	5800	4925	4760	4710	4570	4410	4355	4240	4105	3995	3970	3940	3065	1805
PDQ-27	6250	5310	5135	5075	4930	4750	4690	4570	4425	4305	4275	4245	3305	1950

WATTS PER CELL FOR PDQ-11 THRU 27

1.215 Specific Gravity @ 77°F (25°C)

CELL TYPE	MINUTES													
	5	10	11	12	13	14	15	16	17	18	19	20	30	60
End Voltage — 1.75														
PDQ-11	1985	1630	1600	1540	1500	1465	1420	1390	1350	1320	1285	1230	1045	720
PDQ-13	2300	1940	1900	1815	1780	1705	1680	1630	1600	1550	1500	1450	1215	825
PDQ-15	2645	2220	2200	2130	2090	2020	1985	1940	1900	1845	1800	1730	1435	920
PDQ-17	2900	2500	2460	2390	2320	2275	2210	2180	2120	2085	2010	1945	1610	1000
PDQ-19	3235	2790	2735	2660	2585	2530	2455	2415	2360	2325	2230	2155	1785	1115
PDQ-21	3575	3080	3020	2940	2855	2795	2715	2670	2610	2570	2465	2385	1975	1235
PDQ-23	3915	3375	3305	3215	3125	3060	2970	2925	2855	2810	2700	2610	2160	1350
PDQ-25	4245	3660	3590	3490	3395	3320	3220	3175	3100	3050	2930	2830	2345	1465
PDQ-27	4580	3945	3865	3760	3655	3580	3475	3420	3340	3290	3155	3050	2525	1580
End Voltage — 1.70														
PDQ-11	2225	1775	1750	1710	1675	1620	1600	1555	1515	1480	1440	1305	1090	740
PDQ-13	2575	2115	2080	2030	1990	1925	1900	1850	1795	1760	1705	1535	1265	850
PDQ-15	2960	2420	2405	2350	2305	2230	2150	2140	2080	2035	1975	1835	1495	945
PDQ-17	3250	2725	2720	2655	2605	2520	2445	2420	2355	2300	2235	2060	1680	1030
PDQ-19	3570	3125	3010	2940	2880	2790	2715	2680	2605	2550	2475	2415	1935	1170
PDQ-21	3945	3450	3330	3245	3185	3080	3000	2960	2875	2815	2735	2670	2135	1295
PDQ-23	4320	3780	3645	3555	3485	3375	3285	3240	3150	3080	2990	2925	2340	1415
PDQ-25	4685	4100	3955	3855	3785	3660	3565	3515	3415	3345	3245	3175	2540	1540
PDQ-27	5050	4420	4260	4155	4080	3945	3840	3790	3685	3605	3500	3420	2735	1655
End Voltage — 1.67														
PDQ-11	2265	1900	1865	1800	1760	1705	1670	1630	1585	1545	1490	1475	1190	760
PDQ-13	2635	2240	2175	2110	2080	2000	1965	1915	1870	1815	1785	1740	1400	880
PDQ-15	3000	2580	2500	2420	2395	2300	2265	2210	2145	2100	2045	2005	1610	985
PDQ-17	3330	2900	2810	2735	2685	2600	2525	2485	2405	2360	2300	2250	1790	1085
PDQ-19	3720	3235	3125	3050	2975	2900	2810	2750	2680	2620	2565	2490	1990	1205
PDQ-21	4110	3575	3450	3370	3290	3205	3105	3040	2960	2900	2835	2755	2200	1330
PDQ-23	4500	3915	3780	3690	3600	3510	3395	3330	3240	3170	3105	3015	2405	1435
PDQ-25	4880	4245	4100	4005	3905	3810	3685	3615	3515	3440	3370	3270	2610	1580
PDQ-27	5260	4580	4420	4315	4210	4105	3985	3895	3790	3710	3630	3525	2815	1705

WATTS PER CELL FOR PDQ-11 THRU 27

1.215 Specific Gravity @ 77°F (25°C)

CELL TYPE	MINUTES													
	5	10	11	12	13	14	15	16	17	18	19	20	30	60
End Voltage — 1.65														
PDQ-11	2305	1925	1880	1825	1780	1725	1695	1645	1605	1580	1525	1490	1200	775
PDQ-13	2690	2290	2215	2175	2120	2050	2020	1965	1910	1875	1835	1780	1430	895
PDQ-15	3090	2640	2565	2500	2420	2345	2310	2245	2205	2140	2100	2040	1635	1000
PDQ-17	3405	2905	2835	2775	2695	2620	2590	2500	2450	2400	2330	2280	1830	1090
PDQ-19	3795	3255	3160	3085	2995	2920	2880	2790	2715	2680	2605	2530	2025	1210
PDQ-21	4190	3595	3495	3410	3310	3225	3185	3080	3000	2960	2875	2795	2240	1340
PDQ-23	4590	3935	3825	3735	3620	3530	3485	3375	3285	3240	3150	3060	2450	1485
PDQ-25	4980	4270	4150	4050	3930	3830	3785	3660	3565	3515	3415	3320	2660	1590
PDQ-27	5365	4605	4475	4365	4235	4130	4080	3945	3840	3790	3685	3580	2870	1715
End Voltage — 1.63														
PDQ-11	2320	1965	1920	1865	1815	1760	1730	1680	1640	1610	1555	1505	1210	780
PDQ-13	2770	2335	2260	2215	2160	2090	2060	2005	1945	1910	1870	1795	1440	900
PDQ-15	3180	2690	2615	2550	2465	2390	2355	2290	2245	2180	2140	2060	1645	1005
PDQ-17	3505	2965	2890	2825	2740	2655	2625	2555	2485	2435	2370	2300	1840	1095
PDQ-19	3870	3275	3200	3125	3030	2940	2900	2825	2750	2680	2620	2585	2045	1220
PDQ-21	4275	3615	3535	3450	3350	3245	3205	3125	3040	2960	2900	2855	2260	1350
PDQ-23	4680	3960	3870	3780	3665	3555	3510	3420	3330	3240	3170	3125	2475	1475
PDQ-25	5075	4295	4200	4100	3980	3855	3810	3710	3610	3515	3440	3395	2685	1600
PDQ-27	5470	4630	4525	4420	4290	4155	4105	4000	3895	3790	3710	3655	2895	1725
End Voltage — 1.60														
PDQ-11	2375	2020	1955	1900	1845	1795	1765	1710	1675	1625	1600	1560	1235	800
PDQ-13	2780	2350	2285	2230	2175	2115	2085	2010	1970	1920	1875	1830	1475	920
PDQ-15	3190	2710	2620	2590	2505	2435	2390	2325	2270	2200	2145	2110	1665	1030
PDQ-17	3545	3010	2915	2865	2790	2700	2635	2595	2520	2450	2420	2415	1870	1110
PDQ-19	3940	3345	3235	3200	3105	2995	2955	2880	2790	2715	2695	2680	2085	1225
PDQ-21	4355	3700	3575	3535	3430	3310	3265	3185	3080	3000	2980	2960	2300	1355
PDQ-23	4770	4050	3915	3870	3755	3620	3575	3485	3375	3285	3260	3240	2520	1485
PDQ-25	5175	4395	4245	4200	4075	3930	3880	3785	3660	3565	3540	3515	2735	1610
PDQ-27	5580	4735	4580	4525	4395	4235	4185	4080	3945	3840	3815	3790	2945	1735

GLOBAL OPERATIONS

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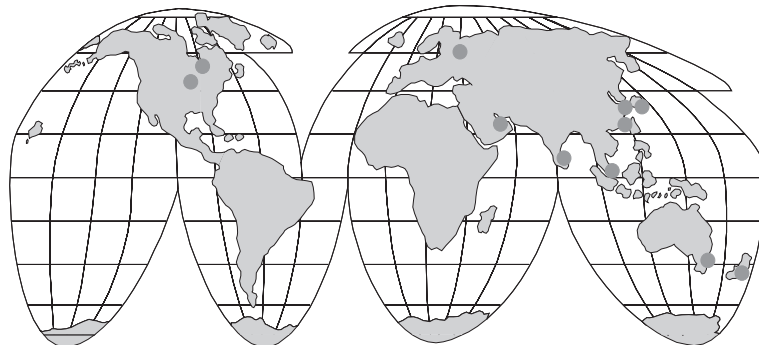
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