

GNB Flooded  
**Classic**®



# SPECIFICATIONS

## High Rate Flooded Batteries

PDQ — LEAD CALCIUM

# From the World Leader in Battery Technology

## Classic - The Preferred Choice

GNB has been manufacturing economical, long-lasting flooded batteries for over a century. Tested and proven in the toughest field conditions, GNB Flooded Classic batteries offer maximum efficiency and reliability for the widest variety of applications.

## Application Ready

### High Rate

GNB manufactures batteries for applications requiring a large amount of power for relatively short periods of time (e.g. computer or data center UPS system). GNB's high rate batteries are available with nominal ratings ranging from 1845 to 4370 watts per cell.

The grids and separators in the high rate batteries are design-optimized to allow current to flow out of the battery as quickly as the application demands. Solid copper terminal posts add to the improved high rate performance while increasing connection integrity.

## Flooded Battery Selector Guide

| Application      | Capacity             | Type       |
|------------------|----------------------|------------|
| Long Duration    | 190-480 AH           | MCT        |
| Long Duration    | 550-2550 AH          | NCT        |
| Long Duration    | 2240-4000 AH         | HCT        |
| <b>High Rate</b> | <b>1609-4217 WPC</b> | <b>PDQ</b> |
| General Purpose  | 50-300 AH            | TCX        |
| General Purpose  | 175-605 AH           | MCX        |
| General Purpose  | 550-2550 AH          | NCX        |
| Nuclear          | 550-2550 AH          | NCN        |

## Simply the Best

Whatever your application, GNB's comprehensive product offering makes it easy to select the flooded battery that meets your needs.

| 2 TIER RACK INFORMATION (Contact GNB for alternate configurations) |             |                    |                    |                    |                    |                    |
|--------------------------------------------------------------------|-------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| GNB Cell Type                                                      | RACK TYPE   | 60 Cells           | 120 Cells          | 180 Cells          | 192 Cells          | 240 Cells          |
| 4-PDQ                                                              | NON-Seismic | Qty (1) S422TZ0N12 | Qty (2) S422TZ0N12 | Qty (2) S422TZ0N18 | Qty (2) S422TZ0N18 | Qty (3) S422TZ0N15 |
|                                                                    | Seismic     | Qty (1) S422TZ4N12 | Qty (2) S422TZ4N12 | Qty (2) S422TZ4N18 | Qty (2) S422TZ4N18 | Qty (3) S422TZ4N15 |
| 2-PDQ                                                              | NON-Seismic | Qty (1) S422TZ0N16 | Qty (2) S422TZ0N16 | Qty (3) S422TZ0N16 | Qty (3) S422TZ0N17 | Qty (4) S422TZ0N16 |
|                                                                    | Seismic     | Qty (1) S422TZ4N16 | Qty (2) S422TZ4N16 | Qty (3) S422TZ4N16 | Qty (3) S422TZ4N17 | Qty (4) S422TZ4N16 |

| Spill Containment Part Numbers for SEISMIC TIERED Racks (Contact GNB for alternative configurations) |                                               |                                               |                                               |                                               |                                              |
|------------------------------------------------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|----------------------------------------------|
| GNB Cell Type                                                                                        | 60 Cells                                      | 120 Cells                                     | 180 Cells                                     | 192 Cells                                     | 240 Cells                                    |
| 4-PDQ                                                                                                | Qty (1) GNB7SC26152L<br>Qty (1) GNBEAGLE27153 | Qty (2) GNB7SC26152L<br>Qty (2) GNBEAGLE27153 | Qty (2) GNB7SC26224L<br>Qty (2) GNBEAGLE27225 | Qty (2) GNB7SC26224L<br>Qty (2) GNBEAGLE27225 | Qty (3) GNB7SC26188L<br>Qty(3) GNBEAGLE27189 |
| 2-PDQ                                                                                                | Qty (1) GNB7SC26200L<br>Qty(1) GNBEAGLE27201  | Qty (2) GNB7SC26200L<br>Qty (2) GNBEAGLE27201 | Qty (2) GNB7SC26200L<br>Qty (2) GNBEAGLE27201 | Qty (3) GNB7SC26212L<br>Qty (3) GNBEAGLE27213 | Qty (4) GNB7SC26200L<br>Qty(4) GNBEAGLE27201 |

Note: Spill containment part numbers are for SEISMIC TIERED racks only. For non-seismic racks, decrease the length (last three numeric characters of the part number) by 5. For example GNBEAGLE27225 Seismic becomes GNBEAGLE27220 non-seismic.

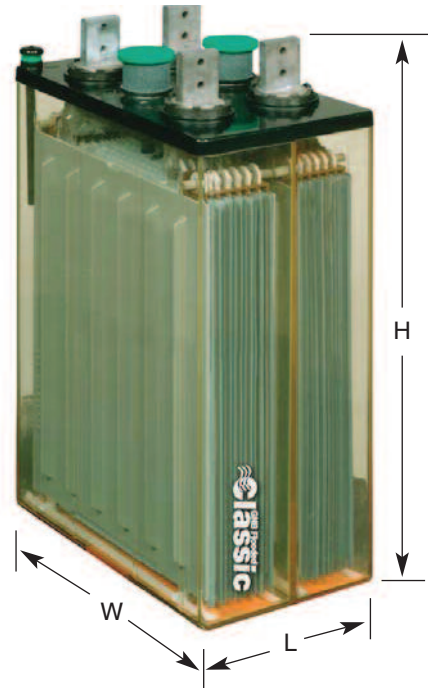
**PDQ**  
**High Rate Flooded Stationary Battery**  
**for Uninterruptible Power Supply (UPS)**  
**Applications**

**Capacities - 1780 WPC to 4217 WPC**

- **20-year Design Life** in float applications @ 25°C (77°F).
- **Recyclable** to world standards.

**SPECIFICATIONS**

- Grid Alloy:** Positive: Lead Calcium; Negative: Lead Calcium
- Electrolyte:** Standard: 1.250 specific gravity  
Optional: 1.215 specific gravity
- Electrolyte Withdrawal Tubes:** 1 per cell minimum
- Level Lines:** High and Low
- Posts:** Solid Copper, lead plated.  
One positive and one negative per cell. (1.75" x .5")
- Post Seal:** Floating "O" Ring, Seal Nut
- Container:** Standard: Styrene Acrylonitrile (SAN) Plastic  
Optional: Polycarbonate: UL-94 V-0  
PVC: UL-94 V-0 (2-PDQ only)
- Cover:** Standard: Acrylonitrile Butadiene Styrene (ABS) Plastic  
Optional: Polycarbonate: UL-94 V-0  
PVC: UL-94 V-0 (2-PDQ only)
- Safety Vent:** GNB "Pre-Vent" Flame Arrestor
- Float Voltage Range:** 2.23 to 2.33 Volts per Cell for 1.250 specific gravity @ 25°C (77°F)  
2.17 to 2.25 Volts per Cell for 1.215 specific gravity @ 25°C (77°F)



| Plate Dims | Height               | Width                | Thickness           |
|------------|----------------------|----------------------|---------------------|
| Positive   | 15.50 in<br>393.7 mm | 12.75 in<br>317.5 mm | 0.175 in<br>5.00 mm |
| Negative   | 15.50 in<br>393.7 mm | 12.75 in<br>317.5 mm | 0.130 in<br>3.43 mm |

**GNB Flooded Classic PDQ**

| Model Number # | Capacity - Watts per Cell (WPC) |                                            |                                            | Length |     | Width |     | Height |     | Nominal Wt. |     | Electrolyte / Cell |        |
|----------------|---------------------------------|--------------------------------------------|--------------------------------------------|--------|-----|-------|-----|--------|-----|-------------|-----|--------------------|--------|
|                | Voltage                         | 15 min. to 1.67 VPC @ 25°C (77°F) 1.250 SG | 15 min. to 1.67 VPC @ 25°C (77°F) 1.215 SG | in     | mm  | in    | mm  | in     | mm  | lbs         | kg  | gals               | liters |
| 4-PDQ11        | 8                               | 1780                                       | 1609                                       | 17.00  | 432 | 14.45 | 367 | 22.88  | 581 | 488         | 221 | 3.2                | 12.1   |
| 4-PDQ13        | 8                               | 2094                                       | 1893                                       | 17.00  | 432 | 14.45 | 367 | 22.88  | 581 | 532         | 241 | 3.0                | 11.4   |
| 4-PDQ15        | 8                               | 2413                                       | 2182                                       | 17.00  | 432 | 14.45 | 367 | 22.88  | 581 | 580         | 263 | 2.8                | 10.6   |
| 4-PDQ17        | 8                               | 2692                                       | 2433                                       | 17.00  | 432 | 14.45 | 367 | 22.88  | 581 | 624         | 283 | 2.7                | 10.2   |
| 2-PDQ19        | 4                               | 2982                                       | 2708                                       | 12.15  | 309 | 14.50 | 368 | 22.62  | 575 | 400         | 181 | 5.6                | 21.2   |
| 2-PDQ21        | 4                               | 3295                                       | 2992                                       | 12.15  | 309 | 14.50 | 368 | 22.62  | 575 | 425         | 193 | 5.3                | 20.1   |
| 2-PDQ23        | 4                               | 3604                                       | 3271                                       | 12.15  | 309 | 14.50 | 368 | 22.62  | 575 | 451         | 205 | 5.1                | 19.3   |
| 2-PDQ25        | 4                               | 3913                                       | 3551                                       | 12.15  | 309 | 14.50 | 368 | 22.62  | 575 | 471         | 214 | 4.9                | 18.5   |
| 2-PDQ27        | 4                               | 4217                                       | 3840                                       | 12.15  | 309 | 14.50 | 368 | 22.62  | 575 | 503         | 228 | 4.7                | 17.8   |

\*4-PDQ = 4 cells per unit; 2-PDQ = 2 cells per unit

† Height to top of posts

\*\*Multiply by 1.03 to obtain estimated domestic packed shipping weight.

Specifications subject to change

## WATTS PER CELL (1.250 Specific Gravity)

### GNB FLOODED CLASSIC PDQ Performance Specifications @ 25°C (77°F)

| Model Number | Time - MINUTES |      |      |      |      |      |      |      |      |      |      |      |      |      |
|--------------|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|              | 5              | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 30   | 60   |
| PDQ-11       | 2113           | 1737 | 1706 | 1641 | 1597 | 1563 | 1515 | 1477 | 1430 | 1409 | 1370 | 1312 | 1110 | 767  |
| PDQ-13       | 2451           | 2065 | 2027 | 1935 | 1896 | 1819 | 1790 | 1732 | 1699 | 1650 | 1597 | 1544 | 1288 | 878  |
| PDQ-15       | 2818           | 2364 | 2345 | 2268 | 2229 | 2152 | 2118 | 2064 | 2016 | 1969 | 1920 | 1843 | 1523 | 979  |
| PDQ-17       | 3088           | 2663 | 2625 | 2548 | 2470 | 2422 | 2355 | 2319 | 2246 | 2220 | 2142 | 2075 | 1710 | 1066 |
| PDQ-19       | 3455           | 2963 | 2900 | 2823 | 2745 | 2683 | 2606 | 2560 | 2496 | 2466 | 2369 | 2292 | 1888 | 1182 |
| PDQ-21       | 3797           | 3271 | 3209 | 3122 | 3030 | 2967 | 2881 | 2830 | 2755 | 2726 | 2620 | 2528 | 2085 | 1308 |
| PDQ-23       | 4154           | 3580 | 3508 | 3416 | 3320 | 3247 | 3151 | 3094 | 3014 | 2982 | 2866 | 2770 | 2282 | 1433 |
| PDQ-25       | 4507           | 3884 | 3807 | 3706 | 3599 | 3522 | 3421 | 3359 | 3274 | 3238 | 3107 | 3006 | 2479 | 1554 |
| PDQ-27       | 4859           | 4188 | 4106 | 3995 | 3884 | 3797 | 3686 | 3619 | 3528 | 3488 | 3353 | 3238 | 2671 | 1674 |

1.75  
Final  
VPC

| Model Number | Time - MINUTES |      |      |      |      |      |      |      |      |      |      |      |      |      |
|--------------|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|              | 5              | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 30   | 60   |
| PDQ-11       | 2364           | 1891 | 1838 | 1785 | 1732 | 1679 | 1626 | 1572 | 1519 | 1466 | 1413 | 1359 | 1121 | 791  |
| PDQ-13       | 2745           | 2248 | 2184 | 2119 | 2054 | 1989 | 1924 | 1859 | 1795 | 1730 | 1665 | 1600 | 1297 | 902  |
| PDQ-15       | 3156           | 2577 | 2510 | 2444 | 2377 | 2311 | 2244 | 2178 | 2111 | 2045 | 1978 | 1912 | 1539 | 1008 |
| PDQ-17       | 3460           | 2905 | 2829 | 2754 | 2679 | 2604 | 2528 | 2453 | 2378 | 2302 | 2227 | 2152 | 1725 | 1100 |
| PDQ-19       | 3788           | 3297 | 3199 | 3115 | 3033 | 2953 | 2870 | 2794 | 2720 | 2643 | 2574 | 2511 | 1976 | 1245 |
| PDQ-21       | 4188           | 3647 | 3532 | 3443 | 3354 | 3261 | 3172 | 3088 | 3005 | 2922 | 2844 | 2775 | 2186 | 1375 |
| PDQ-23       | 4584           | 3988 | 3870 | 3771 | 3669 | 3569 | 3470 | 3382 | 3290 | 3200 | 3114 | 3035 | 2395 | 1505 |
| PDQ-25       | 4975           | 4329 | 4198 | 4089 | 3980 | 3872 | 3768 | 3667 | 3570 | 3474 | 3379 | 3294 | 2595 | 1631 |
| PDQ-27       | 5361           | 4665 | 4526 | 4412 | 4291 | 4175 | 4062 | 3952 | 3846 | 3743 | 3644 | 3549 | 2799 | 1761 |

1.70  
Final  
VPC

| Model Number | Time - MINUTES |      |      |      |      |      |      |      |      |      |      |      |      |      |
|--------------|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|              | 5              | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 30   | 60   |
| PDQ-11       | 2417           | 2027 | 1988 | 1920 | 1877 | 1816 | 1780 | 1729 | 1682 | 1628 | 1561 | 1551 | 1226 | 809  |
| PDQ-13       | 2808           | 2388 | 2321 | 2248 | 2220 | 2129 | 2094 | 2031 | 1985 | 1914 | 1870 | 1827 | 1440 | 935  |
| PDQ-15       | 3199           | 2750 | 2663 | 2581 | 2552 | 2447 | 2413 | 2344 | 2278 | 2215 | 2145 | 2107 | 1659 | 1050 |
| PDQ-17       | 3551           | 3093 | 2996 | 2914 | 2861 | 2770 | 2692 | 2637 | 2557 | 2492 | 2411 | 2364 | 1845 | 1156 |
| PDQ-19       | 3947           | 3435 | 3315 | 3238 | 3160 | 3074 | 2982 | 2906 | 2831 | 2755 | 2681 | 2607 | 2041 | 1277 |
| PDQ-21       | 4362           | 3797 | 3667 | 3575 | 3488 | 3396 | 3295 | 3213 | 3129 | 3041 | 2961 | 2883 | 2255 | 1411 |
| PDQ-23       | 4777           | 4154 | 4019 | 3913 | 3821 | 3719 | 3604 | 3515 | 3427 | 3332 | 3241 | 3154 | 2465 | 1546 |
| PDQ-25       | 5182           | 4507 | 4449 | 4251 | 4145 | 4037 | 3913 | 3818 | 3715 | 3614 | 3516 | 3425 | 2679 | 1676 |
| PDQ-27       | 5587           | 4859 | 4690 | 4579 | 4468 | 4350 | 4217 | 4116 | 4004 | 3896 | 3791 | 3691 | 2884 | 1806 |

1.67  
Final  
VPC

## WATTS PER CELL (1.250 Specific Gravity)

### GNB FLOODED CLASSIC PDQ Performance Specifications @ 25°C (77°F)

1.65  
Final  
VPC

| Model<br>Number | Time - MINUTES |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----------------|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                 | 5              | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 30   | 60   |
| PDQ-11          | 2461           | 2055 | 2002 | 1944 | 1896 | 1838 | 1796 | 1752 | 1707 | 1637 | 1599 | 1564 | 1225 | 823  |
| PDQ-13          | 2866           | 2441 | 2359 | 2321 | 2263 | 2186 | 2136 | 2089 | 2029 | 1964 | 1927 | 1868 | 1460 | 866  |
| PDQ-15          | 3295           | 2818 | 2736 | 2668 | 2581 | 2499 | 2443 | 2387 | 2341 | 2244 | 2202 | 2143 | 1668 | 1063 |
| PDQ-17          | 3628           | 3098 | 3025 | 2958 | 2876 | 2794 | 2740 | 2661 | 2606 | 2514 | 2444 | 2395 | 1872 | 1160 |
| PDQ-19          | 4029           | 3455 | 3353 | 3276 | 3180 | 3098 | 3037 | 2955 | 2870 | 2794 | 2719 | 2642 | 2061 | 1285 |
| PDQ-21          | 4449           | 3817 | 3710 | 3619 | 3513 | 3426 | 3357 | 3263 | 3173 | 3088 | 3004 | 2923 | 2278 | 1420 |
| PDQ-23          | 4868           | 4178 | 4058 | 3961 | 3846 | 3749 | 3674 | 3571 | 3471 | 3382 | 3288 | 3199 | 2491 | 1554 |
| PDQ-25          | 5283           | 4536 | 4405 | 4299 | 4174 | 4067 | 3985 | 3874 | 3769 | 3667 | 3568 | 3469 | 2704 | 1684 |
| PDQ-27          | 5698           | 4888 | 4748 | 4637 | 4497 | 4386 | 4296 | 4177 | 4063 | 3952 | 3844 | 3740 | 2916 | 1814 |

1.63  
Final  
VPC

| Model<br>Number | Time - MINUTES |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----------------|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                 | 5              | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 30   | 60   |
| PDQ-11          | 2533           | 2094 | 2041 | 1978 | 1930 | 1872 | 1830 | 1786 | 1740 | 1665 | 1628 | 1587 | 1234 | 828  |
| PDQ-13          | 2953           | 2490 | 2408 | 2364 | 2306 | 2229 | 2179 | 2127 | 2067 | 2002 | 1965 | 1887 | 1470 | 958  |
| PDQ-15          | 3392           | 2876 | 2789 | 2721 | 2630 | 2548 | 2491 | 2397 | 2385 | 2287 | 2244 | 2162 | 1678 | 1068 |
| PDQ-17          | 3735           | 3160 | 3069 | 2996 | 2909 | 2818 | 2768 | 2705 | 2630 | 2524 | 2472 | 2419 | 1886 | 1165 |
| PDQ-19          | 4183           | 3551 | 3435 | 3397 | 3295 | 3180 | 3113 | 3051 | 2952 | 2832 | 2814 | 2799 | 2117 | 1299 |
| PDQ-21          | 4622           | 3928 | 3797 | 3754 | 3643 | 3513 | 3444 | 3374 | 3260 | 3131 | 3113 | 3094 | 2339 | 1434 |
| PDQ-23          | 5061           | 4299 | 4154 | 4106 | 3985 | 3846 | 3769 | 3691 | 3567 | 3425 | 3402 | 3389 | 2560 | 1574 |
| PDQ-25          | 5491           | 4666 | 4507 | 4458 | 4328 | 4174 | 4090 | 4004 | 3870 | 3719 | 3696 | 3674 | 2778 | 1704 |
| PDQ-27          | 5920           | 5028 | 4859 | 4806 | 4666 | 4497 | 4406 | 4317 | 4173 | 4009 | 3981 | 3959 | 2995 | 1838 |

1.60  
Final  
VPC

| Model<br>Number | Time - MINUTES |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----------------|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                 | 5              | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 30   | 60   |
| PDQ-11          | 2543           | 2152 | 2084 | 2027 | 1969 | 1916 | 1882 | 1821 | 1785 | 1732 | 1674 | 1598 | 1224 | 832  |
| PDQ-13          | 2963           | 2504 | 2437 | 2379 | 2321 | 2253 | 2224 | 2139 | 2099 | 2046 | 1958 | 1875 | 1462 | 954  |
| PDQ-15          | 3402           | 2890 | 2794 | 2760 | 2673 | 2596 | 2548 | 2477 | 2422 | 2345 | 2242 | 2158 | 1650 | 1072 |
| PDQ-17          | 3778           | 3209 | 3107 | 3054 | 2977 | 2881 | 2808 | 2761 | 2688 | 2610 | 2531 | 2473 | 1852 | 1152 |
| PDQ-19          | 4265           | 3619 | 3503 | 3464 | 3358 | 3242 | 3199 | 3113 | 3020 | 2938 | 2862 | 2783 | 2004 | 1293 |
| PDQ-21          | 4709           | 4005 | 3870 | 3826 | 3715 | 3580 | 3537 | 3445 | 3334 | 3247 | 3164 | 3075 | 2313 | 1429 |
| PDQ-23          | 5158           | 4381 | 4236 | 4188 | 4063 | 3918 | 3870 | 3768 | 3648 | 3551 | 3458 | 3366 | 2533 | 1570 |
| PDQ-25          | 5597           | 4753 | 4593 | 4545 | 4410 | 4256 | 4203 | 4086 | 3961 | 3855 | 3756 | 3649 | 2748 | 1697 |
| PDQ-27          | 6031           | 5124 | 4955 | 4897 | 4757 | 4584 | 4526 | 4404 | 4270 | 4154 | 4044 | 3931 | 2964 | 1834 |

## WATTS PER CELL (1.215 Specific Gravity)

### GNB FLOODED CLASSIC PDQ Performance Specifications @ 25°C (77°F)

| Model Number          | Time - MINUTES |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----------------------|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                       | 5              | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 30   | 60   |
| PDQ-11                | 1911           | 1573 | 1544 | 1486 | 1448 | 1414 | 1370 | 1335 | 1294 | 1253 | 1240 | 1187 | 1003 | 695  |
| PDQ-13                | 2214           | 1872 | 1834 | 1751 | 1718 | 1645 | 1621 | 1565 | 1534 | 1471 | 1448 | 1399 | 1166 | 796  |
| 1.75 Final VPC PDQ-15 | 2546           | 2142 | 2123 | 2055 | 2017 | 1949 | 1916 | 1863 | 1821 | 1751 | 1737 | 1669 | 1378 | 888  |
| PDQ-17                | 2792           | 2413 | 2374 | 2306 | 2239 | 2195 | 2133 | 2093 | 2032 | 1978 | 1940 | 1877 | 1546 | 965  |
| PDQ-19                | 3114           | 2692 | 2639 | 2567 | 2495 | 2441 | 2369 | 2319 | 2262 | 2206 | 2152 | 2080 | 1714 | 1076 |
| PDQ-21                | 3442           | 2972 | 2914 | 2837 | 2755 | 2697 | 2620 | 2564 | 2502 | 2439 | 2379 | 2302 | 1896 | 1192 |
| PDQ-23                | 3769           | 3257 | 3189 | 3102 | 3016 | 2953 | 2866 | 2809 | 2737 | 2666 | 2606 | 2519 | 2074 | 1303 |
| PDQ-25                | 4087           | 3532 | 3464 | 3368 | 3276 | 3204 | 3107 | 3049 | 2972 | 2894 | 2827 | 2731 | 2251 | 1414 |
| PDQ-27                | 4409           | 3807 | 3730 | 3628 | 3527 | 3455 | 3353 | 3284 | 3202 | 3122 | 3045 | 2943 | 2424 | 1525 |

| Model Number          | Time - MINUTES |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----------------------|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                       | 5              | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 30   | 60   |
| PDQ-11                | 2143           | 1713 | 1664 | 1616 | 1568 | 1519 | 1471 | 1422 | 1374 | 1325 | 1277 | 1229 | 1013 | 714  |
| PDQ-13                | 2480           | 2041 | 1981 | 1922 | 1862 | 1803 | 1743 | 1684 | 1624 | 1565 | 1505 | 1445 | 1175 | 820  |
| 1.70 Final VPC PDQ-15 | 2851           | 2335 | 2275 | 2214 | 2153 | 2092 | 2031 | 1971 | 1910 | 1849 | 1788 | 1728 | 1389 | 912  |
| PDQ-17                | 3130           | 2630 | 2561 | 2492 | 2423 | 2354 | 2285 | 2216 | 2147 | 2078 | 2009 | 1940 | 1561 | 994  |
| PDQ-19                | 3438           | 2993 | 2905 | 2833 | 2749 | 2679 | 2606 | 2536 | 2467 | 2403 | 2339 | 2274 | 1798 | 1129 |
| PDQ-21                | 3799           | 3304 | 3213 | 3127 | 3040 | 2958 | 2879 | 2801 | 2722 | 2652 | 2584 | 2514 | 1983 | 1250 |
| PDQ-23                | 4161           | 3620 | 3517 | 3426 | 3327 | 3241 | 3153 | 3066 | 2983 | 2902 | 2825 | 2754 | 2174 | 1365 |
| PDQ-25                | 4512           | 3927 | 3817 | 3715 | 3613 | 3515 | 3421 | 3326 | 3234 | 3152 | 3066 | 2990 | 2360 | 1486 |
| PDQ-27                | 4864           | 4233 | 4111 | 4004 | 3895 | 3789 | 3685 | 3586 | 3489 | 3397 | 3307 | 3220 | 2541 | 1597 |

| Model Number          | Time - MINUTES |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----------------------|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                       | 5              | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 30   | 60   |
| PDQ-11                | 2183           | 1831 | 1800 | 1737 | 1697 | 1640 | 1609 | 1563 | 1519 | 1472 | 1412 | 1402 | 1106 | 731  |
| PDQ-13                | 2540           | 2158 | 2099 | 2036 | 2005 | 1923 | 1893 | 1836 | 1793 | 1730 | 1692 | 1653 | 1302 | 846  |
| 1.67 Final VPC PDQ-15 | 2892           | 2486 | 2413 | 2335 | 2309 | 2212 | 2182 | 2119 | 2056 | 2001 | 1938 | 1905 | 1497 | 947  |
| PDQ-17                | 3210           | 2794 | 2712 | 2639 | 2589 | 2500 | 2433 | 2383 | 2306 | 2249 | 2180 | 2138 | 1664 | 1043 |
| PDQ-19                | 3586           | 3117 | 3016 | 2943 | 2868 | 2789 | 2708 | 2637 | 2569 | 2497 | 2431 | 2366 | 1850 | 1159 |
| PDQ-21                | 3962           | 3445 | 3329 | 3252 | 3172 | 3082 | 2992 | 2915 | 2838 | 2764 | 2687 | 2618 | 2045 | 1279 |
| PDQ-23                | 4338           | 3772 | 3648 | 3561 | 3471 | 3376 | 3271 | 3193 | 3106 | 3021 | 2943 | 2865 | 2236 | 1380 |
| PDQ-25                | 4704           | 4090 | 3957 | 3865 | 3765 | 3664 | 3551 | 3466 | 3370 | 3278 | 3194 | 3107 | 2426 | 1519 |
| PDQ-27                | 5070           | 4413 | 4265 | 4164 | 4059 | 3948 | 3840 | 3735 | 3633 | 3536 | 3440 | 3350 | 2617 | 1640 |



## WATTS PER CELL (1.215 Specific Gravity)

### GNB FLOODED CLASSIC PDQ Performance Specifications @ 25°C (77°F)

| Model Number | Time - MINUTES |      |      |      |      |      |      |      |      |      |      |      |      |      |
|--------------|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|              | 5              | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 30   | 60   |
| PDQ-11       | 2221           | 1858 | 1814 | 1761 | 1718 | 1665 | 1620 | 1581 | 1541 | 1495 | 1444 | 1413 | 1107 | 744  |
| PDQ-13       | 2592           | 2210 | 2137 | 2099 | 2046 | 1978 | 1930 | 1888 | 1834 | 1774 | 1737 | 1687 | 1319 | 859  |
| PDQ-15       | 2978           | 2548 | 2475 | 2413 | 2335 | 2263 | 2207 | 2157 | 2117 | 2025 | 1988 | 1934 | 1508 | 960  |
| PDQ-17       | 3282           | 2803 | 2736 | 2678 | 2601 | 2528 | 2475 | 2402 | 2352 | 2271 | 2206 | 2161 | 1688 | 1046 |
| PDQ-19       | 3657           | 3141 | 3049 | 2977 | 2890 | 2818 | 2752 | 2681 | 2606 | 2536 | 2466 | 2398 | 1868 | 1162 |
| PDQ-21       | 4038           | 3469 | 3373 | 3291 | 3194 | 3112 | 3043 | 2959 | 2880 | 2801 | 2722 | 2650 | 2066 | 1286 |
| PDQ-23       | 4424           | 3797 | 3691 | 3604 | 3493 | 3406 | 3330 | 3243 | 3154 | 3066 | 2982 | 2901 | 2260 | 1426 |
| PDQ-25       | 4799           | 4121 | 4005 | 3908 | 3792 | 3696 | 3617 | 3517 | 3422 | 3326 | 3233 | 3147 | 2453 | 1526 |
| PDQ-27       | 5170           | 4444 | 4318 | 4212 | 4087 | 3985 | 3899 | 3791 | 3686 | 3586 | 3488 | 3394 | 2647 | 1646 |

| Model Number | Time - MINUTES |      |      |      |      |      |      |      |      |      |      |      |      |      |
|--------------|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|              | 5              | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 30   | 60   |
| PDQ-11       | 2236           | 1896 | 1853 | 1800 | 1751 | 1698 | 1653 | 1614 | 1574 | 1523 | 1472 | 1427 | 1116 | 749  |
| PDQ-13       | 2670           | 2253 | 2181 | 2137 | 2084 | 2017 | 1968 | 1926 | 1867 | 1807 | 1770 | 1702 | 1328 | 864  |
| PDQ-15       | 3065           | 2596 | 2523 | 2461 | 2379 | 2306 | 2250 | 2200 | 2155 | 2063 | 2026 | 1953 | 1517 | 965  |
| PDQ-17       | 3378           | 2861 | 2789 | 2726 | 2644 | 2562 | 2508 | 2455 | 2386 | 2304 | 2244 | 2180 | 1697 | 1051 |
| PDQ-19       | 3730           | 3160 | 3088 | 3016 | 2924 | 2837 | 2771 | 2714 | 2640 | 2536 | 2480 | 2451 | 1886 | 1171 |
| PDQ-21       | 4120           | 3488 | 3411 | 3329 | 3233 | 3131 | 3063 | 3003 | 2918 | 2801 | 2745 | 2707 | 2084 | 1296 |
| PDQ-23       | 4510           | 3821 | 3735 | 3648 | 3537 | 3431 | 3354 | 3286 | 3197 | 3066 | 3001 | 2963 | 2283 | 1416 |
| PDQ-25       | 4891           | 4145 | 4053 | 3957 | 3841 | 3720 | 3641 | 3565 | 3466 | 3326 | 3257 | 3219 | 2476 | 1536 |
| PDQ-27       | 5272           | 4468 | 4367 | 4265 | 4140 | 4010 | 3922 | 3843 | 3739 | 3586 | 3512 | 3465 | 2670 | 1656 |

| Model Number | Time - MINUTES |      |      |      |      |      |      |      |      |      |      |      |      |      |
|--------------|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|              | 5              | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 30   | 60   |
| PDQ-11       | 2292           | 1949 | 1887 | 1834 | 1780 | 1732 | 1703 | 1650 | 1616 | 1568 | 1539 | 1468 | 1127 | 767  |
| PDQ-13       | 2683           | 2268 | 2205 | 2152 | 2099 | 2041 | 2012 | 1940 | 1901 | 1853 | 1804 | 1723 | 1347 | 882  |
| PDQ-15       | 3078           | 2615 | 2528 | 2499 | 2417 | 2350 | 2306 | 2244 | 2191 | 2123 | 2063 | 1986 | 1520 | 988  |
| PDQ-17       | 3421           | 2905 | 2813 | 2765 | 2692 | 2606 | 2543 | 2504 | 2432 | 2364 | 2328 | 2273 | 1707 | 1064 |
| PDQ-19       | 3802           | 3228 | 3122 | 3088 | 2996 | 2890 | 2852 | 2779 | 2692 | 2620 | 2592 | 2523 | 1903 | 1175 |
| PDQ-21       | 4203           | 3571 | 3450 | 3411 | 3310 | 3194 | 3151 | 3074 | 2972 | 2895 | 2867 | 2786 | 2100 | 1299 |
| PDQ-23       | 4603           | 3908 | 3778 | 3735 | 3624 | 3493 | 3450 | 3363 | 3257 | 3170 | 3136 | 3050 | 2301 | 1424 |
| PDQ-25       | 4994           | 4241 | 4096 | 4053 | 3932 | 3792 | 3744 | 3653 | 3532 | 3440 | 3405 | 3309 | 2497 | 1544 |
| PDQ-27       | 5385           | 4569 | 4420 | 4367 | 4241 | 4087 | 4039 | 3937 | 3807 | 3706 | 3670 | 3568 | 2688 | 1664 |

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# GNB Industrial Power – The Industry Leader.



GNB Industrial Power, a division of Exide Technologies, is a global leader in network power applications including communication/data networks, UPS systems for computers and control systems, electrical power generation and distribution systems, as well as a wide range of other industrial standby power applications. With a strong manufacturing base in both North America and Europe and a truly global reach (operations in more than 80 countries) in sales and service, GNB Industrial Power is best positioned to satisfy your back up power needs locally as well as all over the world.

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**SECTION 35.50 2013-09**

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