

Industrial Batteries / Network Power

**Sprinter P / XP**



*»Reliable power for  
increased security«*



## Industrial Batteries

### The powerful range of Network Power

GNB® Industrial Power offers reliable energy storage solutions for critical systems requiring uninterrupted power supply. With a comprehensive product range based on state-of-the-art technologies, GNB delivers the right battery for every application.

The below table is only indicative and depends on the specific customer application. For more information please ask a GNB sales representative.

| Applications       | Battery ranges |         |      |      |       |      |             |          |      |          |       |          |           |         |      |      |                 |       |      |
|--------------------|----------------|---------|------|------|-------|------|-------------|----------|------|----------|-------|----------|-----------|---------|------|------|-----------------|-------|------|
|                    | Sonnenschein   |         |      |      |       |      |             | Marathon |      | Sprinter |       | Absolyte | Powerfit  | Classic |      |      |                 |       |      |
|                    | A400/A600      | A400 FT | A500 | A700 | SOLAR | RAIL | Power Cycle | M-FT     | L/XL | P/XP     | XP-FT | GP/GX    | S100/S300 | GroE    | OCSM | OPzS | Energy Bloc/OGi | Solar | rail |
| Telecom            | ●              | ●       | ●    | ●    |       |      | ●           | ●        | ●    | ●        | ●     | ●        | ●         |         | ●    | ●    | ●               |       |      |
| UPS                | ●              | ●       | ●    | ●    |       |      | ●           | ●        | ●    | ●        | ●     | ●        | ●         |         | ●    |      | ●               |       |      |
| Emergency lighting | ●              | ●       | ●    | ●    |       |      | ●           | ●        | ●    | ●        | ●     | ●        | ●         |         |      | ●    | ●               |       |      |
| Security           | ●              |         | ●    | ●    |       |      |             |          |      | ●        | ●     |          | ●         |         | ●    | ●    |                 |       |      |
| Utility            | ●              | ●       |      | ●    |       |      | ●           | ●        |      |          |       | ●        | ●         | ●       | ●    | ●    | ●               |       |      |
| Railways           | ●              | ●       | ●    | ●    |       | ●    | ●           | ●        |      |          |       | ●        | ●         |         | ●    |      | ●               |       | ●    |
| Photovoltaic       |                |         |      |      | ●     |      | ●           |          |      |          |       | ●        | ●         |         |      |      |                 | ●     |      |
| Universal          | ●              | ●       | ●    | ●    |       |      | ●           | ●        | ●    | ●        | ●     | ●        | ●         |         | ●    | ●    | ●               |       |      |

### Powerful product brands



> VRLA batteries (Valve Regulated Lead Acid) in which the electrolyte is fixed in an Absorbent Glass Mat (AGM)



- > Excellent high current capability
- > Very economical
- > Maintenance-free (no topping up)



- > VRLA batteries (Valve Regulated Lead Acid) in which the electrolyte is fixed in a gel (dryfit® technology)
- > Inventor of Gel technology
- > Highest reliability, even in non-optimal conditions
- > Particularly suitable for cyclic applications
- > Maintenance-free (no topping up)



- > Conventional lead-acid batteries with liquid electrolyte
- > Extreme reliability, proven over decades
- > Low maintenance

## Sprinter P/XP

### Maximized power density for highest requirements

The extremely powerful, compact AGM batteries of the Sprinter P and Sprinter XP series are an ideal energy source for uninterrupted power supply and are particularly good in UPS applications and other security systems. GNB's experience and innovation with VRLA technology makes Sprinter batteries the preferred choice for high rate emergency battery backup.

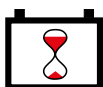
#### Your benefits:

- > **Excellent high current performance** – optimised for short discharge time
- > **Low self discharge rate** – extended storage capability
- > **Very short recharge time** – high availability
- > **Optimal power density** – saves floor space
- > **Completely recyclable** – low CO<sub>2</sub> footprint



#### Specifications:

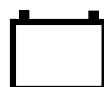
- > Maintenance-free (no topping up) during the whole service life
  - > High-Compression Absorbent Glass Mat (AGM) technology
  - > Power (10 minutes) from 791 – 3400 watt
  - > Design life: »10-12 Years – Long Life« according to EURO-BAT 2015 classification
  - > Available as standard or flame retardant version (UL 94-V0)
  - > Designed in accordance with IEC 60896-21/-22
  - > Approval: UL (Underwriter Laboratories)
- > Grid plates with superior lead calcium alloy for excellent corrosion resistance
  - > Very low gassing due to internal gas recombination (99% efficiency)
  - > No restrictions for rail, road, sea and air transportation (IATA, DGR clause A67) – trouble-free transportation of operational blocks
  - > Manufactured in Europe in our ISO 9001 certified production plants



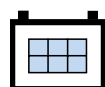
10-12 years  
– Long Life



Nominal capacity  
24.0 – 195 Ah



Block battery



Grid plate



Recyclable



Valve regulated  
lead-acid  
batteries



Maintenance  
free (no  
topping up)



Special high  
current  
performance

## Sprinter P/XP

### Technical data

#### Technical characteristics and data

| Type      | Part number     | Nom. voltage<br>V | Power 10 min<br>1.60 Vpc<br>25°C<br>W/block | Nominal capacity<br>C <sub>10</sub> 1.80<br>Vpc 25°C<br>Ah | Nominal capacity<br>C <sub>20</sub> 1.75<br>Vpc 25°C<br>Ah | Length (l)<br>max. mm | Width (b/w)<br>max. mm | Height (h1)<br>max. mm | Height incl. connectors (h2)<br>max. mm | Weight approx.<br>kg | Internal resistance<br>mOhm* | Short circuit current<br>A* | Terminal |
|-----------|-----------------|-------------------|---|--|--|-----------------------|------------------------|------------------------|---|----------------------|------------------------------|-----------------------------|----------|
| P6V1700   | NAPW061700HP0MC | 6                 | 2210  | 122  | 132  | 273                   | 167                    | 191                    | 191                                     | 25.0                 | 1.80                         | 3416                        | M-M8     |
| XP6V2800  | NAXP062800HP0FA | 6                 | 2780  | 195  | 208  | 309                   | 172                    | 223                    | 241                                     | 30.5                 | 1.60                         | 3828                        | F-M6     |
| P12V600   | NAPW120600HP0MA | 12                | 791   | 24.0   | 26.0   | 169                   | 128                    | 175                    | 175                                     | 9.50                 | 15.4                         | 824                         | M-M6     |
| P12V875   | NAPW120875HP0MC | 12                | 1157  | 41.0   | 44.0   | 200                   | 169                    | 176                    | 176                                     | 14.5                 | 10.6                         | 1178                        | M-M6     |
| XP12V1800 | NAXP121800HP0FA | 12                | 1840  | 56.4   | 60.8   | 220                   | 172                    | 219                    | 235                                     | 21.0                 | 8.10                         | 1558                        | F-M6     |
| XP12V2500 | NAXP122500HP0FA | 12                | 2450  | 69.5   | 75.6   | 262                   | 172                    | 223                    | 239                                     | 26.0                 | 6.20                         | 2046                        | F-M6     |
| XP12V3000 | NAXP123000HP0FA | 12                | 3040  | 92.8   | 99.6   | 309                   | 172                    | 223                    | 239                                     | 31.0                 | 5.20                         | 2425                        | F-M6     |
| XP12V3400 | NAXP123400HP0FA | 12                | 3400  | 105  | 112  | 351                   | 172                    | 223                    | 239                                     | 35.5                 | 4.50                         | 2767                        | F-M6     |

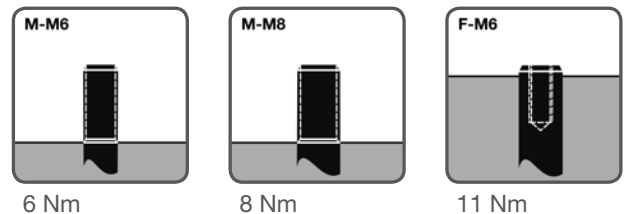
\* according IEC60896-21/22  
P12V600, P12V875 and XP12V2500 with VdS approval

#### Container, terminal and torque

- > **Container:** - UL 94-HB = Polypropylene (PP)
- UL 94-V0 = Polypropylene (PP)

Figures are also valid for UL 94-V0 version.  
Change »H« to »V« in the part number. E.g.:

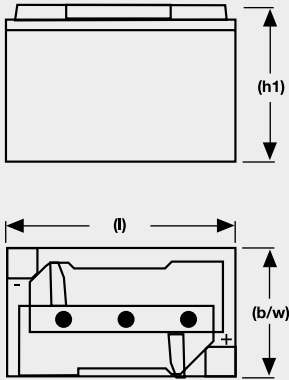
- > **Standard:** NAXP122500 **H** P0FA
- > **UL 94-V0:** NAXP122500 **V** P0FA



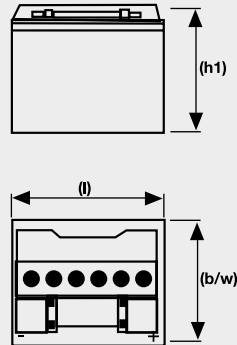
**Sprinter P/XP**

**Drawings**

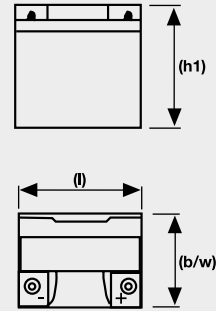
**P6V1700**



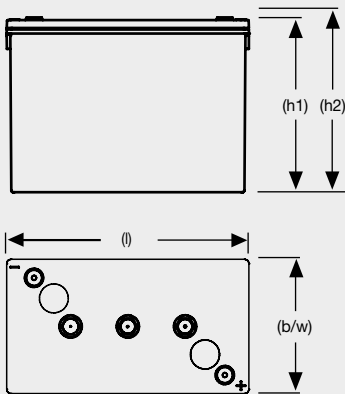
**P12V875**



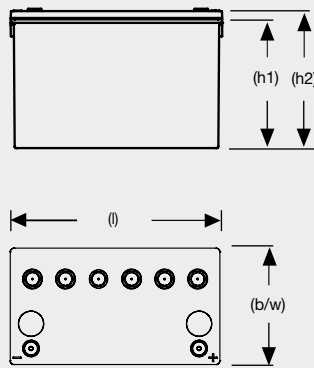
**P12V600**



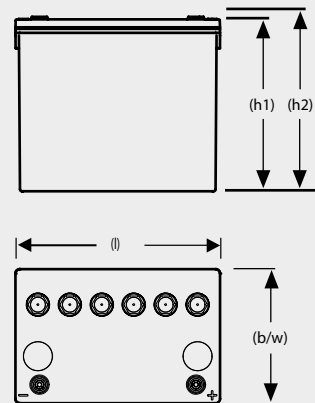
**XP6V2800**



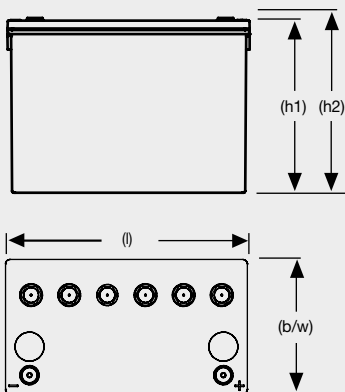
**XP12V1800**



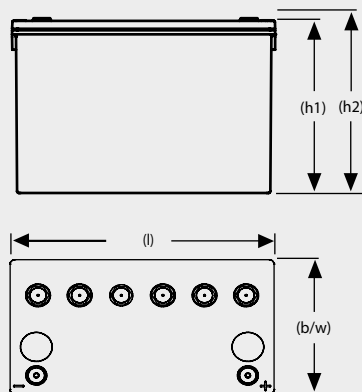
**XP12V2500**



**XP12V3000**



**XP12V3400**



Not to scale!

## Sprinter P/XP

### Constant current discharge

#### 1.90 Vpc – Discharge in A at 25 °C

| Type      | Part number     | 1 min | 2 min | 3 min | 5 min | 10 min | 15 min | 20 min | 30 min | 45 min | 1 h  | 2 h  | 3 h  | 5 h  | 8 h  | 10 h |
|-----------|-----------------|-------|-------|-------|-------|--------|--------|--------|--------|--------|------|------|------|------|------|------|
| P6V1700   | NAPW061700HP0MC | 286   | 285   | 286   | 267   | 223    | 187    | 162    | 125    | 94.0   | 76.1 | 41.4 | 29.2 | 19.1 | 12.7 | 10.9 |
| XP6V2800  | NAXP062800HP0FA | 290   | 290   | 290   | 270   | 238    | 238    | 200    | 160    | 127    | 107  | 67.0 | 48.8 | 32.5 | 21.4 | 17.4 |
| P12V600   | NAPW120600HP0MA | 78.0  | 75.0  | 70.0  | 62.0  | 47.0   | 37.0   | 30.0   | 22.0   | 17.0   | 13.4 | 8.00 | 5.90 | 4.00 | 2.60 | 2.10 |
| P12V875   | NAPW120875HP0MC | 96.0  | 96.0  | 96.0  | 85.0  | 65.0   | 52.0   | 44.0   | 35.0   | 26.0   | 21.1 | 12.8 | 9.40 | 6.30 | 4.30 | 3.70 |
| XP12V1800 | NAXP121800HP0FA | 152   | 152   | 152   | 152   | 113    | 89.5   | 72.7   | 54.3   | 39.8   | 33.5 | 19.2 | 13.8 | 9.40 | 6.00 | 5.10 |
| XP12V2500 | NAXP122500HP0FA | 173   | 173   | 173   | 173   | 134    | 115    | 95.5   | 73.0   | 54.6   | 43.4 | 23.0 | 15.8 | 10.7 | 7.18 | 6.04 |
| XP12V3000 | NAXP123000HP0FA | 195   | 195   | 195   | 195   | 195    | 140    | 120    | 94.2   | 70.0   | 56.7 | 33.5 | 24.8 | 15.7 | 10.1 | 8.21 |
| XP12V3400 | NAXP123400HP0FA | 200   | 200   | 200   | 200   | 195    | 140    | 122    | 97.0   | 76.0   | 62.0 | 37.6 | 26.7 | 16.5 | 10.7 | 8.70 |

#### 1.85 Vpc – Discharge in A at 25 °C

| Type      | Part number     | 1min | 2 min | 3 min | 5 min | 10 min | 15 min | 20 min | 30 min | 45 min | 1 h  | 2 h  | 3 h  | 5 h  | 8 h  | 10 h |
|-----------|-----------------|------|-------|-------|-------|--------|--------|--------|--------|--------|------|------|------|------|------|------|
| P6V1700   | NAPW061700HP0MC | 390  | 385   | 388   | 349   | 279    | 227    | 192    | 145    | 107    | 83.4 | 46.3 | 32.5 | 21.3 | 13.8 | 11.6 |
| XP6V2800  | NAXP062800HP0FA | 473  | 473   | 473   | 473   | 399    | 320    | 270    | 201    | 151    | 123  | 73.9 | 54.0 | 35.4 | 23.1 | 18.8 |
| P12V600   | NAPW120600HP0MA | 98.0 | 93.0  | 87.0  | 76.0  | 55.0   | 43.0   | 35.0   | 25.0   | 19.0   | 15.2 | 9.20 | 6.70 | 4.40 | 2.80 | 2.30 |
| P12V875   | NAPW120875HP0MC | 128  | 128   | 128   | 109   | 79.0   | 62.0   | 52.0   | 40.0   | 29.0   | 24.0 | 14.4 | 10.6 | 7.00 | 4.70 | 3.90 |
| XP12V1800 | NAXP121800HP0FA | 189  | 189   | 189   | 189   | 134    | 104    | 83.4   | 61.4   | 44.5   | 37.3 | 21.7 | 15.5 | 10.2 | 6.40 | 5.40 |
| XP12V2500 | NAXP122500HP0FA | 218  | 218   | 218   | 218   | 158    | 130    | 109    | 82.1   | 60.8   | 47.9 | 25.0 | 17.3 | 11.5 | 7.70 | 6.67 |
| XP12V3000 | NAXP123000HP0FA | 225  | 225   | 225   | 220   | 209    | 165    | 140    | 107    | 78.8   | 63.1 | 36.3 | 26.6 | 16.9 | 11.0 | 8.94 |
| XP12V3400 | NAXP123400HP0FA | 270  | 270   | 270   | 270   | 213    | 176    | 150    | 115    | 85.0   | 68.0 | 40.6 | 28.9 | 18.3 | 11.8 | 9.60 |

#### 1.80 Vpc – Discharge in A at 25 °C

| Type      | Part number     | 1 min | 2 min | 3 min | 5 min | 10 min | 15 min | 20 min | 30 min | 45 min | 1 h  | 2 h  | 3 h  | 5 h  | 8 h  | 10 h |
|-----------|-----------------|-------|-------|-------|-------|--------|--------|--------|--------|--------|------|------|------|------|------|------|
| P6V1700   | NAPW061700HP0MC | 503   | 489   | 479   | 421   | 319    | 254    | 209    | 155    | 114    | 89.4 | 49.3 | 34.3 | 22.8 | 14.7 | 12.2 |
| XP6V2800  | NAXP062800HP0FA | 510   | 505   | 497   | 497   | 440    | 360    | 300    | 222    | 164    | 132  | 77.3 | 56.0 | 36.4 | 23.6 | 19.5 |
| P12V600   | NAPW120600HP0MA | 112   | 109   | 107   | 87.0  | 61.0   | 46.0   | 38.0   | 27.0   | 20.0   | 16.2 | 9.70 | 7.10 | 4.60 | 2.90 | 2.40 |
| P12V875   | NAPW120875HP0MC | 160   | 156   | 153   | 127   | 89.0   | 68.0   | 56.0   | 42.0   | 31.0   | 25.4 | 15.4 | 11.4 | 7.50 | 4.90 | 4.10 |
| XP12V1800 | NAXP121800HP0FA | 221   | 207   | 213   | 213   | 147    | 113    | 90.3   | 66.1   | 48.0   | 39.8 | 22.6 | 16.3 | 10.6 | 6.83 | 5.64 |
| XP12V2500 | NAXP122500HP0FA | 276   | 259   | 254   | 254   | 180    | 144    | 117    | 87.6   | 65.8   | 51.6 | 27.6 | 18.8 | 12.1 | 8.00 | 6.95 |
| XP12V3000 | NAXP123000HP0FA | 331   | 310   | 271   | 271   | 229    | 182    | 153    | 115    | 84.1   | 66.9 | 37.8 | 27.4 | 17.5 | 11.4 | 9.28 |
| XP12V3400 | NAXP123400HP0FA | 378   | 357   | 340   | 315   | 240    | 195    | 164    | 125    | 93.0   | 74.0 | 43.0 | 30.3 | 19.5 | 12.8 | 10.5 |

#### 1.75 Vpc – Discharge in A at 25 °C

| Type      | Part number     | 1 min | 2 min | 3 min | 5 min | 10 min | 15 min | 20 min | 30 min | 45 min | 1 h  | 2 h  | 3 h  | 5 h  | 8 h  | 10 h |
|-----------|-----------------|-------|-------|-------|-------|--------|--------|--------|--------|--------|------|------|------|------|------|------|
| P6V1700   | NAPW061700HP0MC | 590   | 573   | 562   | 483   | 353    | 275    | 223    | 163    | 117    | 92.4 | 51.4 | 35.3 | 23.5 | 15.2 | 12.5 |
| XP6V2800  | NAXP062800HP0FA | 580   | 575   | 568   | 568   | 468    | 385    | 320    | 236    | 172    | 138  | 78.6 | 57.0 | 37.0 | 24.0 | 19.9 |
| P12V600   | NAPW120600HP0MA | 123   | 120   | 118   | 95.0  | 65.0   | 49.0   | 40.0   | 28.0   | 20.8   | 17.1 | 9.90 | 7.30 | 4.70 | 3.00 | 2.50 |
| P12V875   | NAPW120875HP0MC | 176   | 171   | 168   | 138   | 95.0   | 72.0   | 59.0   | 44.0   | 33.0   | 26.6 | 16.2 | 11.8 | 7.70 | 5.10 | 4.30 |
| XP12V1800 | NAXP121800HP0FA | 260   | 243   | 235   | 235   | 158    | 121    | 96.3   | 69.6   | 49.3   | 41.6 | 23.4 | 16.9 | 11.0 | 6.94 | 5.75 |
| XP12V2500 | NAXP122500HP0FA | 347   | 317   | 282   | 282   | 194    | 154    | 125    | 92.5   | 68.0   | 53.2 | 28.5 | 19.5 | 12.4 | 8.20 | 7.07 |
| XP12V3000 | NAXP123000HP0FA | 417   | 382   | 307   | 307   | 240    | 192    | 160    | 120    | 87.0   | 68.9 | 38.6 | 27.8 | 17.8 | 11.5 | 9.41 |
| XP12V3400 | NAXP123400HP0FA | 465   | 426   | 410   | 357   | 271    | 218    | 181    | 135    | 98.0   | 77.0 | 44.2 | 30.9 | 20.0 | 13.0 | 10.7 |

## Sprinter P/XP

### Constant current discharge

#### 1.70 Vpc – Discharge in A at 25 °C

| Type      | Part number     | 1 min | 2 min | 3 min | 5 min | 10 min | 15 min | 20 min | 30 min | 45 min | 1 h  | 2 h  | 3 h  | 5 h  | 8 h  | 10 h |
|-----------|-----------------|-------|-------|-------|-------|--------|--------|--------|--------|--------|------|------|------|------|------|------|
| P6V1700   | NAPW061700HP0MC | 755   | 692   | 629   | 529   | 377    | 291    | 234    | 168    | 120    | 94.5 | 53.3 | 36.5 | 24.2 | 15.4 | 12.6 |
| XP6V2800  | NAXP062800HP0FA | 760   | 700   | 643   | 643   | 494    | 400    | 330    | 243    | 177    | 141  | 80.0 | 58.0 | 37.6 | 24.4 | 20.0 |
| P12V600   | NAPW120600HP0MA | 154   | 141   | 129   | 103   | 69.0   | 52.0   | 42.0   | 29.4   | 21.8   | 17.6 | 10.3 | 7.40 | 4.80 | 3.10 | 2.60 |
| P12V875   | NAPW120875HP0MC | 220   | 202   | 184   | 148   | 99.0   | 75.0   | 61.0   | 45.2   | 34.0   | 27.6 | 16.8 | 12.2 | 7.90 | 5.20 | 4.40 |
| XP12V1800 | NAXP121800HP0FA | 301   | 269   | 254   | 254   | 168    | 127    | 100    | 71.9   | 51.1   | 42.9 | 24.0 | 17.2 | 11.2 | 7.05 | 5.86 |
| XP12V2500 | NAXP122500HP0FA | 382   | 347   | 308   | 308   | 205    | 160    | 130    | 95.4   | 69.3   | 54.3 | 29.0 | 20.0 | 12.7 | 8.30 | 7.14 |
| XP12V3000 | NAXP123000HP0FA | 459   | 413   | 342   | 340   | 250    | 200    | 164    | 122    | 88.5   | 70.1 | 39.1 | 28.1 | 17.9 | 11.6 | 9.49 |
| XP12V3400 | NAXP123400HP0FA | 535   | 485   | 470   | 400   | 293    | 229    | 188    | 139    | 100    | 78.5 | 44.8 | 31.5 | 20.2 | 13.2 | 10.8 |

#### 1.65 Vpc – Discharge in A at 25 °C

| Type      | Part number     | 1 min | 2 min | 3 min | 5 min | 10 min | 15 min | 20 min | 30 min | 45 min | 1 h  | 2 h  | 3 h  | 5 h  | 8 h  | 10 h |
|-----------|-----------------|-------|-------|-------|-------|--------|--------|--------|--------|--------|------|------|------|------|------|------|
| P6V1700   | NAPW061700HP0MC | 811   | 740   | 676   | 563   | 395    | 299    | 241    | 173    | 123    | 96.5 | 54.6 | 37.8 | 24.3 | 15.5 | 12.6 |
| XP6V2800  | NAXP062800HP0FA | 820   | 750   | 717   | 717   | 521    | 418    | 340    | 247    | 179    | 143  | 80.8 | 58.6 | 38.1 | 24.8 | 20.1 |
| P12V600   | NAPW120600HP0MA | 163   | 149   | 135   | 109   | 71.0   | 54.0   | 43.0   | 30.5   | 22.3   | 18.0 | 10.4 | 7.50 | 4.80 | 3.10 | 2.60 |
| P12V875   | NAPW120875HP0MC | 237   | 217   | 198   | 157   | 104    | 77.0   | 63.0   | 46.2   | 35.0   | 28.4 | 17.5 | 12.5 | 8.00 | 5.30 | 4.40 |
| XP12V1800 | NAXP121800HP0FA | 341   | 309   | 266   | 266   | 173    | 129    | 101    | 73.1   | 52.4   | 43.7 | 24.3 | 17.4 | 11.3 | 7.10 | 5.86 |
| XP12V2500 | NAXP122500HP0FA | 418   | 381   | 325   | 325   | 211    | 164    | 133    | 97.0   | 70.5   | 55.2 | 29.5 | 20.3 | 12.8 | 8.40 | 7.18 |
| XP12V3000 | NAXP123000HP0FA | 512   | 463   | 373   | 366   | 260    | 205    | 167    | 124    | 89.6   | 70.8 | 39.4 | 28.3 | 18.0 | 11.7 | 9.56 |
| XP12V3400 | NAXP123400HP0FA | 598   | 540   | 540   | 440   | 306    | 237    | 193    | 142    | 102    | 80.0 | 45.3 | 32.0 | 20.4 | 13.4 | 10.9 |

#### 1.60 Vpc – Discharge in A at 25 °C

| Type      | Part number     | 1 min | 2 min | 3 min | 5 min | 10 min | 15 min | 20 min | 30 min | 45 min | 1 h  | 2 h  | 3 h  | 5 h  | 8 h  | 10 h |
|-----------|-----------------|-------|-------|-------|-------|--------|--------|--------|--------|--------|------|------|------|------|------|------|
| P6V1700   | NAPW061700HP0MC | 838   | 760   | 698   | 582   | 406    | 308    | 247    | 177    | 126    | 98.5 | 55.4 | 38.4 | 24.4 | 15.5 | 12.6 |
| XP6V2800  | NAXP062800HP0FA | 840   | 810   | 791   | 791   | 546    | 430    | 348    | 250    | 181    | 144  | 81.7 | 59.2 | 38.5 | 24.9 | 20.2 |
| P12V600   | NAPW120600HP0MA | 171   | 157   | 140   | 113   | 73.0   | 55.0   | 44.0   | 31.0   | 22.8   | 18.3 | 10.5 | 7.60 | 4.80 | 3.10 | 2.60 |
| P12V875   | NAPW120875HP0MC | 250   | 229   | 209   | 164   | 107    | 79.0   | 65.0   | 47.2   | 36.0   | 29.2 | 17.9 | 12.6 | 8.00 | 5.30 | 4.40 |
| XP12V1800 | NAXP121800HP0FA | 363   | 327   | 276   | 276   | 176    | 131    | 103    | 74.2   | 52.9   | 44.1 | 24.5 | 17.6 | 11.3 | 7.10 | 5.86 |
| XP12V2500 | NAXP122500HP0FA | 454   | 409   | 338   | 338   | 218    | 168    | 135    | 98.8   | 71.9   | 56.1 | 30.0 | 20.6 | 12.9 | 8.50 | 7.20 |
| XP12V3000 | NAXP123000HP0FA | 545   | 490   | 399   | 385   | 268    | 210    | 171    | 126    | 90.5   | 71.5 | 39.7 | 28.5 | 18.2 | 11.8 | 9.61 |
| XP12V3400 | NAXP123400HP0FA | 636   | 620   | 610   | 490   | 323    | 245    | 196    | 145    | 105    | 82.0 | 45.8 | 32.3 | 20.6 | 13.5 | 11.0 |



## Sprinter P/XP

### Constant power discharge

#### 1.90 Vpc – Discharge in W/block at 25 °C

| Type      | Part number     | 1 min | 2 min | 3 min | 5 min | 10 min | 15 min | 20 min | 30 min | 45 min | 1 h | 2 h  | 3 h  | 5 h  | 8 h  | 10 h |
|-----------|-----------------|-------|-------|-------|-------|--------|--------|--------|--------|--------|-----|------|------|------|------|------|
| P6V1700   | NAPW061700HPOMC | 1641  | 1641  | 1641  | 1537  | 1267   | 1067   | 919    | 711    | 545    | 445 | 246  | 174  | 114  | 76.1 | 62.9 |
| XP6V2800  | NAXP062800HP0FA | 1400  | 1400  | 1400  | 1400  | 1400   | 1400   | 1210   | 1010   | 785    | 659 | 410  | 298  | 192  | 127  | 104  |
| P12V600   | NAPW120600HPOMA | 834   | 834   | 834   | 725   | 539    | 427    | 356    | 271    | 200    | 162 | 97.4 | 71.1 | 47.7 | 31.5 | 26.4 |
| P12V875   | NAPW120875HPOMC | 1151  | 1151  | 1151  | 1006  | 762    | 608    | 506    | 397    | 304    | 253 | 153  | 112  | 76.1 | 50.8 | 43.6 |
| XP12V1800 | NAXP121800HP0FA | 1760  | 1760  | 1760  | 1759  | 1249   | 982    | 840    | 670    | 496    | 387 | 226  | 160  | 103  | 72.1 | 59.5 |
| XP12V2500 | NAXP122500HP0FA | 2000  | 2000  | 2000  | 2000  | 1590   | 1309   | 1108   | 853    | 598    | 508 | 283  | 199  | 127  | 85.3 | 69.6 |
| XP12V3000 | NAXP123000HP0FA | 2250  | 2250  | 2250  | 2250  | 2000   | 1700   | 1400   | 1120   | 841    | 682 | 405  | 301  | 193  | 124  | 100  |
| XP12V3400 | NAXP123400HP0FA | 2600  | 2600  | 2600  | 2600  | 2100   | 1756   | 1504   | 1180   | 895    | 726 | 457  | 328  | 208  | 135  | 109  |

#### 1.85 Vpc – Discharge in W/block at 25 °C

| Type      | Part number     | 1 min | 2 min | 3 min | 5 min | 10 min | 15 min | 20 min | 30 min | 45 min | 1 h | 2 h | 3 h  | 5 h  | 8 h  | 10 h |
|-----------|-----------------|-------|-------|-------|-------|--------|--------|--------|--------|--------|-----|-----|------|------|------|------|
| P6V1700   | NAPW061700HPOMC | 2176  | 2176  | 2176  | 1982  | 1586   | 1302   | 1107   | 848    | 632    | 498 | 279 | 193  | 126  | 82.2 | 68.0 |
| XP6V2800  | NAXP062800HP0FA | 2230  | 2230  | 2230  | 2230  | 2000   | 1730   | 1500   | 1160   | 875    | 718 | 436 | 314  | 201  | 132  | 107  |
| P12V600   | NAPW120600HPOMA | 1033  | 1033  | 1033  | 868   | 627    | 491    | 406    | 300    | 221    | 179 | 108 | 79.2 | 51.8 | 33.5 | 28.4 |
| P12V875   | NAPW120875HPOMC | 1441  | 1441  | 1441  | 1225  | 906    | 718    | 597    | 462    | 352    | 284 | 170 | 126  | 84.2 | 54.8 | 46.7 |
| XP12V1800 | NAXP121800HP0FA | 2110  | 2110  | 2110  | 2110  | 1450   | 1120   | 952    | 745    | 547    | 430 | 253 | 181  | 112  | 77.7 | 64.0 |
| XP12V2500 | NAXP122500HP0FA | 2300  | 2300  | 2300  | 2300  | 1830   | 1519   | 1261   | 949    | 658    | 568 | 307 | 217  | 138  | 91.9 | 74.8 |
| XP12V3000 | NAXP123000HP0FA | 2830  | 2830  | 2830  | 2830  | 2200   | 2050   | 1600   | 1260   | 928    | 747 | 433 | 319  | 205  | 133  | 108  |
| XP12V3400 | NAXP123400HP0FA | 3046  | 3046  | 3046  | 3046  | 2472   | 2074   | 1783   | 1399   | 1054   | 853 | 490 | 349  | 220  | 142  | 115  |

#### 1.80 Vpc – Discharge in W/block at 25 °C

| Type      | Part number     | 1 min | 2 min | 3 min | 5 min | 10 min | 15 min | 20 min | 30 min | 45 min | 1 h | 2 h | 3 h  | 5 h  | 8 h  | 10 h |
|-----------|-----------------|-------|-------|-------|-------|--------|--------|--------|--------|--------|-----|-----|------|------|------|------|
| P6V1700   | NAPW061700HPOMC | 2897  | 2765  | 2634  | 2349  | 1808   | 1454   | 1212   | 906    | 664    | 523 | 290 | 203  | 136  | 88.3 | 72.6 |
| XP6V2800  | NAXP062800HP0FA | 3250  | 3000  | 2750  | 2500  | 2320   | 1950   | 1650   | 1250   | 925    | 758 | 448 | 325  | 208  | 136  | 111  |
| P12V600   | NAPW120600HPOMA | 1250  | 1210  | 1171  | 971   | 689    | 532    | 435    | 320    | 235    | 192 | 113 | 82.2 | 54.8 | 35.5 | 29.4 |
| P12V875   | NAPW120875HPOMC | 2000  | 1820  | 1688  | 1418  | 1013   | 785    | 650    | 492    | 372    | 301 | 183 | 135  | 89.3 | 57.9 | 48.2 |
| XP12V1800 | NAXP121800HP0FA | 2600  | 2440  | 2280  | 2359  | 1590   | 1219   | 1020   | 793    | 583    | 459 | 262 | 190  | 121  | 82.1 | 66.1 |
| XP12V2500 | NAXP122500HP0FA | 3250  | 3050  | 2850  | 2650  | 2020   | 1650   | 1350   | 1000   | 700    | 604 | 325 | 234  | 145  | 96.3 | 78.1 |
| XP12V3000 | NAXP123000HP0FA | 3900  | 3650  | 3420  | 3180  | 2400   | 2100   | 1750   | 1320   | 982    | 786 | 450 | 328  | 210  | 136  | 111  |
| XP12V3400 | NAXP123400HP0FA | 4450  | 4200  | 3990  | 3499  | 2719   | 2250   | 1927   | 1500   | 1126   | 904 | 505 | 358  | 225  | 145  | 118  |

#### 1.75 Vpc – Discharge in W/block at 25 °C

| Type      | Part number     | 1 min | 2 min | 3 min | 5 min | 10 min | 15 min | 20 min | 30 min | 45 min | 1 h | 2 h | 3 h  | 5 h  | 8 h  | 10 h |
|-----------|-----------------|-------|-------|-------|-------|--------|--------|--------|--------|--------|-----|-----|------|------|------|------|
| P6V1700   | NAPW061700HPOMC | 3290  | 3172  | 3021  | 2654  | 1982   | 1566   | 1282   | 950    | 689    | 541 | 300 | 211  | 140  | 89.3 | 73.6 |
| XP6V2800  | NAXP062800HP0FA | 3750  | 3500  | 3250  | 3000  | 2440   | 2060   | 1750   | 1310   | 965    | 775 | 455 | 332  | 212  | 138  | 113  |
| P12V600   | NAPW120600HPOMA | 1400  | 1350  | 1266  | 1045  | 732    | 565    | 458    | 336    | 246    | 203 | 116 | 85.3 | 55.8 | 36.5 | 29.9 |
| P12V875   | NAPW120875HPOMC | 2200  | 2000  | 1823  | 1523  | 1074   | 827    | 680    | 513    | 386    | 315 | 192 | 140  | 91.4 | 58.9 | 49.2 |
| XP12V1800 | NAXP121800HP0FA | 3000  | 2800  | 2600  | 2539  | 1699   | 1290   | 1080   | 832    | 607    | 478 | 271 | 196  | 124  | 83.2 | 67.3 |
| XP12V2500 | NAXP122500HP0FA | 4000  | 3650  | 3350  | 3080  | 2220   | 1759   | 1438   | 1060   | 727    | 631 | 337 | 244  | 148  | 97.5 | 79.0 |
| XP12V3000 | NAXP123000HP0FA | 4800  | 4400  | 4100  | 3499  | 2680   | 2260   | 1855   | 1390   | 1009   | 807 | 457 | 331  | 211  | 138  | 112  |
| XP12V3400 | NAXP123400HP0FA | 5350  | 4900  | 4494  | 3897  | 2976   | 2434   | 2052   | 1567   | 1162   | 931 | 525 | 367  | 232  | 148  | 120  |



## Sprinter P/XP

### Constant power discharge

#### 1.70 Vpc – Discharge in W/block at 25 °C

| Type      | Part number     | 1 min | 2 min | 3 min | 5 min | 10 min | 15 min | 20 min | 30 min | 45 min | 1 h | 2 h | 3 h  | 5 h  | 8 h  | 10 h |
|-----------|-----------------|-------|-------|-------|-------|--------|--------|--------|--------|--------|-----|-----|------|------|------|------|
| P6V1700   | NAPW061700HPOMC | 3498  | 3339  | 3180  | 2876  | 2092   | 1628   | 1331   | 977    | 699    | 552 | 311 | 218  | 142  | 90.3 | 74.1 |
| XP6V2800  | NAXP062800HP0FA | 4000  | 3750  | 3500  | 3250  | 2560   | 2140   | 1790   | 1340   | 980    | 789 | 463 | 338  | 216  | 140  | 114  |
| P12V600   | NAPW120600HPOMA | 1600  | 1460  | 1348  | 1101  | 762    | 579    | 469    | 343    | 251    | 205 | 118 | 87.3 | 56.8 | 37.0 | 30.5 |
| P12V875   | NAPW120875HPOMC | 2400  | 2150  | 1948  | 1605  | 1109   | 843    | 694    | 525    | 398    | 327 | 197 | 145  | 93.4 | 59.9 | 50.2 |
| XP12V1800 | NAXP121800HP0FA | 3470  | 3100  | 2840  | 2680  | 1760   | 1330   | 1110   | 855    | 622    | 488 | 276 | 199  | 129  | 84.3 | 68.4 |
| XP12V2500 | NAXP122500HP0FA | 4400  | 4000  | 3650  | 3330  | 2330   | 1820   | 1476   | 1080   | 739    | 641 | 346 | 249  | 150  | 98.3 | 79.2 |
| XP12V3000 | NAXP123000HP0FA | 5280  | 4750  | 4330  | 3780  | 2790   | 2310   | 1897   | 1420   | 1020   | 818 | 462 | 334  | 214  | 139  | 114  |
| XP12V3400 | NAXP123400HP0FA | 6160  | 5580  | 5050  | 4276  | 3146   | 2515   | 2100   | 1590   | 1180   | 945 | 530 | 371  | 234  | 151  | 122  |

#### 1.65 Vpc – Discharge in W/block at 25 °C

| Type      | Part number     | 1 min | 2 min | 3 min | 5 min | 10 min | 15 min | 20 min | 30 min | 45 min | 1 h | 2 h | 3 h  | 5 h  | 8 h  | 10 h |
|-----------|-----------------|-------|-------|-------|-------|--------|--------|--------|--------|--------|-----|-----|------|------|------|------|
| P6V1700   | NAPW061700HPOMC | 3873  | 3697  | 3521  | 3008  | 2160   | 1662   | 1358   | 993    | 713    | 560 | 316 | 222  | 143  | 91.4 | 74.1 |
| XP6V2800  | NAXP062800HP0FA | 4250  | 4000  | 3750  | 3500  | 2679   | 2200   | 1820   | 1360   | 999    | 806 | 469 | 343  | 220  | 143  | 116  |
| P12V600   | NAPW120600HPOMA | 1700  | 1550  | 1422  | 1150  | 781    | 592    | 477    | 346    | 256    | 207 | 120 | 88.0 | 57.0 | 37.0 | 31.0 |
| P12V875   | NAPW120875HPOMC | 2590  | 2300  | 2068  | 1677  | 1133   | 858    | 706    | 533    | 405    | 332 | 202 | 148  | 94.4 | 60.9 | 50.8 |
| XP12V1800 | NAXP121800HP0FA | 3760  | 3400  | 3084  | 2790  | 1810   | 1350   | 1120   | 868    | 628    | 496 | 279 | 202  | 130  | 84.3 | 68.4 |
| XP12V2500 | NAXP122500HP0FA | 4600  | 4200  | 3855  | 3440  | 2400   | 1849   | 1501   | 1099   | 751    | 645 | 348 | 250  | 151  | 98.8 | 80.2 |
| XP12V3000 | NAXP123000HP0FA | 5640  | 5100  | 4626  | 4009  | 2869   | 2330   | 1909   | 1430   | 1030   | 825 | 465 | 336  | 216  | 139  | 114  |
| XP12V3400 | NAXP123400HP0FA | 6580  | 5950  | 5397  | 4584  | 3300   | 2595   | 2149   | 1620   | 1201   | 960 | 535 | 376  | 237  | 153  | 124  |

#### 1.60 Vpc – Discharge in W/block at 25 °C

| Type      | Part number     | 1 min | 2 min | 3 min | 5 min | 10 min | 15 min | 20 min | 30 min | 45 min | 1 h | 2 h | 3 h  | 5 h  | 8 h  | 10 h |
|-----------|-----------------|-------|-------|-------|-------|--------|--------|--------|--------|--------|-----|-----|------|------|------|------|
| P6V1700   | NAPW061700HPOMC | 3956  | 3776  | 3597  | 3063  | 2210   | 1700   | 1379   | 1002   | 720    | 567 | 319 | 224  | 143  | 91.4 | 74.1 |
| XP6V2800  | NAXP062800HP0FA | 4500  | 4250  | 4000  | 3750  | 2780   | 2250   | 1850   | 1380   | 1010   | 819 | 474 | 348  | 222  | 144  | 117  |
| P12V600   | NAPW120600HPOMA | 1800  | 1620  | 1477  | 1186  | 792    | 600    | 480    | 349    | 259    | 208 | 121 | 88.0 | 57.0 | 37.0 | 31.0 |
| P12V875   | NAPW120875HPOMC | 2700  | 2400  | 2155  | 1730  | 1156   | 874    | 718    | 541    | 409    | 337 | 204 | 148  | 94.4 | 60.9 | 50.8 |
| XP12V1800 | NAXP121800HP0FA | 4000  | 3600  | 3280  | 2869  | 1840   | 1369   | 1140   | 877    | 637    | 502 | 283 | 202  | 130  | 84.3 | 68.4 |
| XP12V2500 | NAXP122500HP0FA | 5000  | 4500  | 4100  | 3580  | 2449   | 1870   | 1516   | 1110   | 754    | 648 | 349 | 253  | 153  | 99.4 | 80.2 |
| XP12V3000 | NAXP123000HP0FA | 6000  | 5400  | 4920  | 4180  | 3040   | 2350   | 1914   | 1440   | 1039   | 829 | 466 | 337  | 217  | 141  | 115  |
| XP12V3400 | NAXP123400HP0FA | 7000  | 6300  | 5740  | 4849  | 3400   | 2640   | 2185   | 1645   | 1219   | 970 | 540 | 379  | 240  | 154  | 126  |



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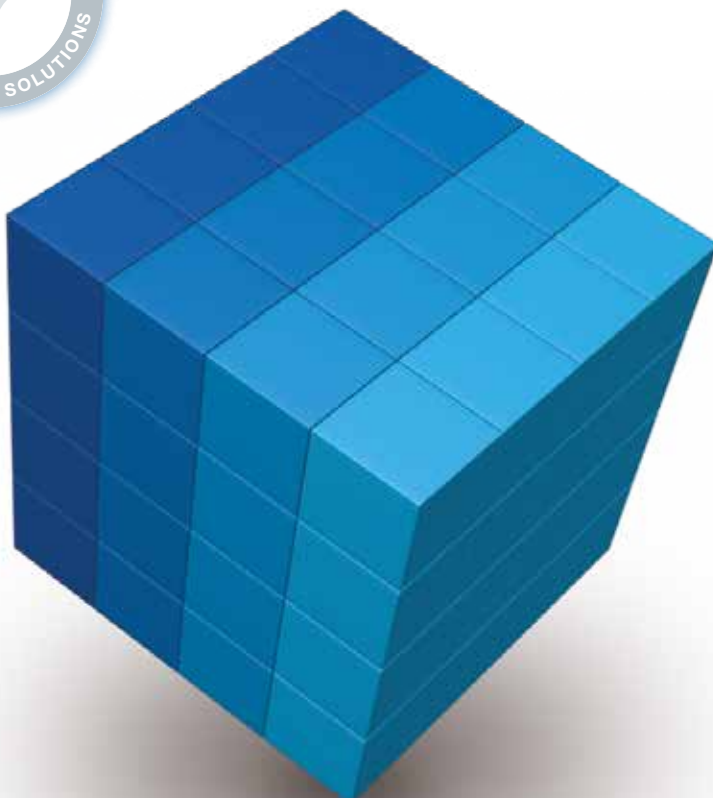
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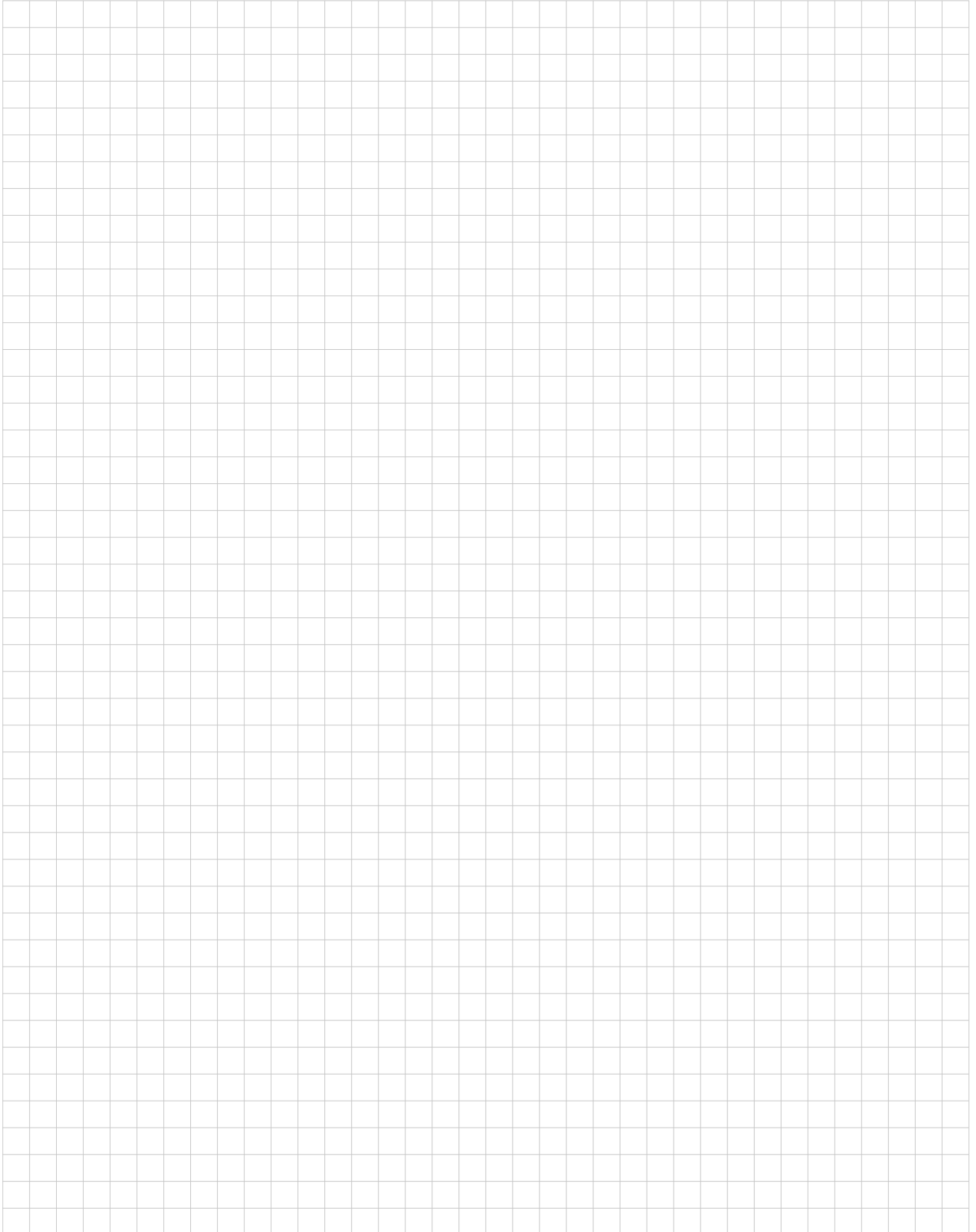
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**Sprinter P/XP**

**Notes**

A large, empty grid area intended for taking notes. The grid consists of approximately 20 columns and 40 rows of small squares.



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