

Industrial Batteries / Network Power

**Sprinter P / XP**



»Reliable power for  
increased security«



## 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 – High Performance« according to EUROBAT 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  
– High  
Performance



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<br>10 min<br>1.60 Vpc<br>25°C<br>W/block | Nominal capacity<br>$C_{10}$ 1.80<br>Vpc 25°C<br>Ah | Length<br>(l)<br>max. mm | Width<br>(b/w)<br>max. mm | Height<br>(h1)<br>max. mm | Height<br>incl. con-<br>nectors<br>(h2)<br>max. mm | Weight<br>approx.<br>kg | Internal resist-<br>ance<br>mOhm | Short circuit<br>current<br>A | Terminal |
|----------------------|-----------------|-------------------|--|---|--------------------------|---------------------------|---------------------------|--|-------------------------|----------------------------------|-------------------------------|----------|
| P6V1700              | NAPW061700HP0MC | 6                 | 2210   | 122   | 273                      | 167                       | 191                       | 191  | 25.0                    | 1.80                             | 3416                          | M-M8     |
| XP6V2800             | NAXP062800HP0FA | 6                 | 2780   | 195   | 309                      | 172                       | 223                       | 241  | 32.6                    | 1.60                             | 3828                          | F-M6     |
| P12V600              | NAPW120600HP0MA | 12                | 791  | 24.0  | 169                      | 128                       | 175                       | 175  | 9.50                    | 15.4                             | 824                           | M-M6     |
| P12V875              | NAPW120875HP0MC | 12                | 1157   | 41.0  | 200                      | 169                       | 176                       | 176  | 14.5                    | 10.6                             | 1178                          | M-M6     |
| XP12V1800            | NAXP121800HP0FA | 12                | 1840   | 56.4  | 220                      | 172                       | 219                       | 235  | 22.5                    | 8.10                             | 1558                          | F-M6     |
| XP12V2500            | NAXP122500HP0FA | 12                | 2450   | 69.5  | 262                      | 172                       | 223                       | 239  | 27.7                    | 6.20                             | 2046                          | F-M6     |
| XP12V3000            | NAXP123000HP0FA | 12                | 3040   | 92.8  | 309                      | 172                       | 223                       | 239  | 32.8                    | 5.20                             | 2425                          | F-M6     |
| <b>NEW</b> XP12V3400 | NAXP123400HP0FA | 12                | 3400   | 105   | 351                      | 172                       | 223                       | 239  | 36.0                    | 4.50                             | 2767                          | F-M6     |

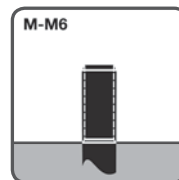
*P12V600, P12V875 and XP12V2500 with VdS approval.*

#### Container, terminal and torque

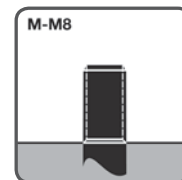
- > **Container:** - UL 94-HB = Polypropylene (PP)  
- UL 94-V0 = Polypropylene (PP)

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

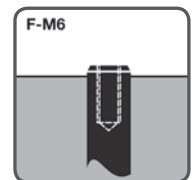
- > **Standard:** NAXP122500 **H** P0FA  
> **UL 94-V0:** NAXP122500 **V** P0FA



6 Nm



8 Nm

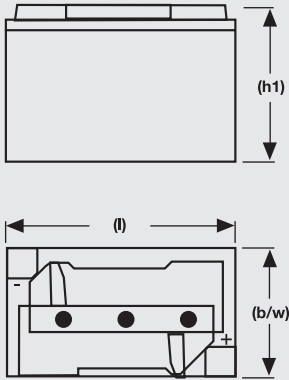


11 Nm

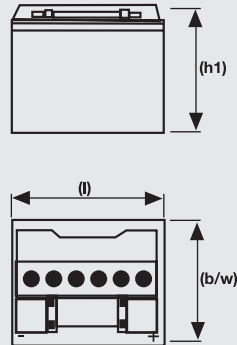
**Sprinter P/XP**

**Drawings**

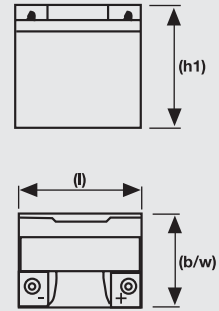
**P6V1700**



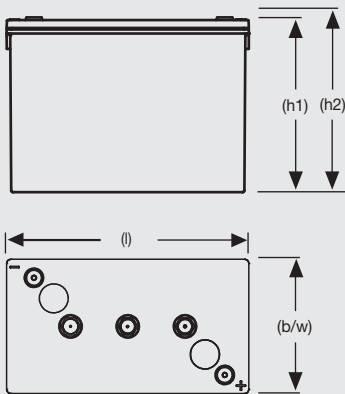
**P12V875**



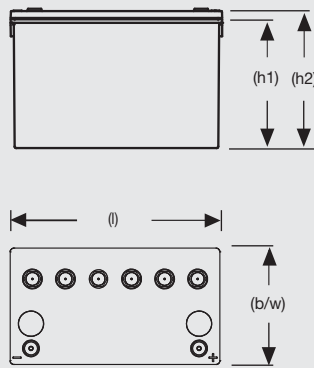
**P12V600**



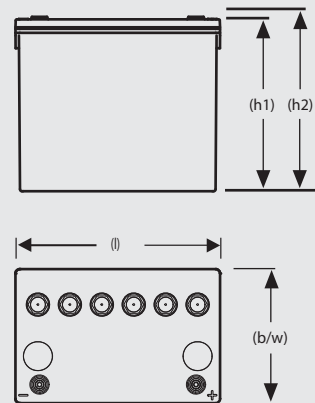
**XP6V2800**



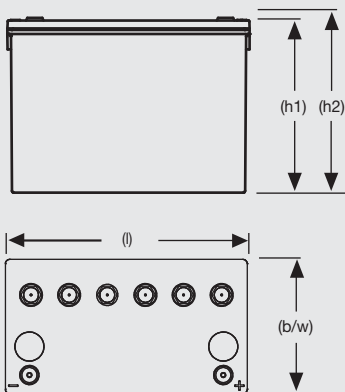
**XP12V1800**



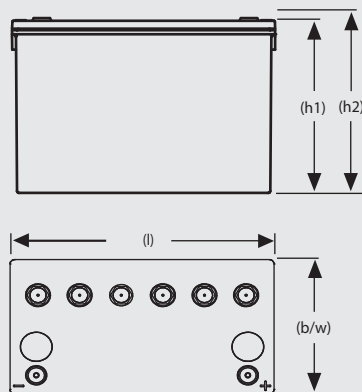
**XP12V2500**



**XP12V3000**



**XP12V3400**



Not to scale!

## Sprinter P/XP

### Constant current discharge

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

| Type      | Part number     | 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   | 267   | 223    | 187    | 162    | 125    | 94.0   | 76.1 | 41.4 | 29.2 | 19.1 | 12.7 | 10.9 |
| XP6V2800  | NAXP062800HP0FA | 238   | 238   | 238    | 238    | 200    | 160    | 127    | 107  | 71.1 | 48.8 | 32.8 | 21.4 | 17.4 |
| P12V600   | NAPW120600HP0MA | 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  | 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   | 113    | 89.5   | 72.7   | 54.3   | 39.8   | 33.5 | 19.2 | 13.8 | 9.39 | 5.95 | 5.08 |
| XP12V2500 | NAXP122500HP0FA | 173   | 173   | 134    | 115    | 95.5   | 73.0   | 54.6   | 43.4 | 23.7 | 15.8 | 10.7 | 7.18 | 6.04 |
| XP12V3000 | NAXP123000HP0FA | 195   | 195   | 195    | 176    | 138    | 94.2   | 70.0   | 56.7 | 33.5 | 24.8 | 15.7 | 10.1 | 8.21 |
| XP12V3400 | NAXP123400HP0FA | 200   | 200   | 165    | 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     | 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 | 388   | 349   | 279    | 227    | 192    | 145    | 107    | 83.4 | 46.3 | 32.5 | 21.3 | 13.8 | 11.6 |
| XP6V2800  | NAXP062800HP0FA | 473   | 473   | 399    | 361    | 284    | 201    | 151    | 123  | 73.9 | 55.4 | 35.6 | 23.1 | 18.8 |
| P12V600   | NAPW120600HP0MA | 92.0  | 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   | 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   | 134    | 104    | 83.4   | 61.4   | 44.5   | 37.3 | 21.7 | 15.5 | 10.2 | 6.39 | 5.42 |
| XP12V2500 | NAXP122500HP0FA | 218   | 218   | 158    | 134    | 109    | 82.1   | 60.8   | 47.9 | 25.8 | 17.3 | 11.5 | 7.73 | 6.67 |
| XP12V3000 | NAXP123000HP0FA | 209   | 209   | 209    | 180    | 147    | 107    | 78.8   | 63.1 | 36.3 | 26.6 | 16.9 | 11.0 | 8.94 |
| XP12V3400 | NAXP123400HP0FA | 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     | 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 | 479   | 421   | 319    | 254    | 209    | 155    | 114    | 89.4 | 49.3 | 34.3 | 22.8 | 14.7 | 12.2 |
| XP6V2800  | NAXP062800HP0FA | 497   | 497   | 453    | 387    | 307    | 222    | 164    | 132  | 77.5 | 57.2 | 37.0 | 24.0 | 19.5 |
| P12V600   | NAPW120600HP0MA | 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 | 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 | 213   | 213   | 147    | 113    | 90.3   | 66.1   | 48.0   | 39.8 | 22.6 | 16.3 | 10.6 | 6.83 | 5.64 |
| XP12V2500 | NAXP122500HP0FA | 254   | 254   | 180    | 146    | 117    | 87.6   | 65.8   | 51.6 | 27.6 | 18.8 | 12.1 | 8.17 | 6.95 |
| XP12V3000 | NAXP123000HP0FA | 271   | 271   | 229    | 187    | 153    | 116    | 84.1   | 66.9 | 37.8 | 27.4 | 17.5 | 11.4 | 9.28 |
| XP12V3400 | NAXP123400HP0FA | 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     | 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 | 562   | 483   | 353    | 275    | 223    | 163    | 117    | 92.4 | 51.4 | 35.3 | 23.5 | 15.2 | 12.5 |
| XP6V2800  | NAXP062800HP0FA | 568   | 568   | 468    | 417    | 331    | 236    | 172    | 138  | 79.5 | 58.1 | 37.7 | 24.4 | 19.9 |
| P12V600   | NAPW120600HP0MA | 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 | 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 | 235   | 235   | 158    | 121    | 96.3   | 69.6   | 49.3   | 41.6 | 23.4 | 16.9 | 11.0 | 6.94 | 5.75 |
| XP12V2500 | NAXP122500HP0FA | 282   | 282   | 194    | 156    | 125    | 92.5   | 68.0   | 53.8 | 29.0 | 19.7 | 12.4 | 8.39 | 7.07 |
| XP12V3000 | NAXP123000HP0FA | 307   | 307   | 240    | 202    | 163    | 120    | 87.0   | 68.9 | 38.6 | 27.8 | 17.8 | 11.5 | 9.41 |
| XP12V3400 | NAXP123400HP0FA | 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     | 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 | 629   | 529   | 377    | 291    | 234    | 168    | 120    | 94.5 | 53.3 | 36.5 | 24.2 | 15.4 | 12.6 |
| XP6V2800  | NAXP062800HP0FA | 643   | 643   | 494    | 424    | 338    | 243    | 177    | 141  | 80.5 | 58.6 | 38.1 | 24.6 | 20.0 |
| P12V600   | NAPW120600HP0MA | 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 | 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 | 254   | 254   | 168    | 127    | 100    | 71.9   | 51.1   | 42.9 | 24.0 | 17.2 | 11.2 | 7.05 | 5.86 |
| XP12V2500 | NAXP122500HP0FA | 308   | 308   | 195    | 165    | 133    | 96.7   | 69.3   | 55.2 | 30.0 | 20.2 | 12.7 | 8.50 | 7.14 |
| XP12V3000 | NAXP123000HP0FA | 342   | 342   | 250    | 209    | 168    | 123    | 88.5   | 70.1 | 39.1 | 28.1 | 17.9 | 11.6 | 9.49 |
| XP12V3400 | NAXP123400HP0FA | 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     | 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 | 676   | 563   | 395    | 299    | 241    | 173    | 123    | 96.5 | 54.6 | 37.8 | 24.3 | 15.5 | 12.6 |
| XP6V2800  | NAXP062800HP0FA | 717   | 717   | 521    | 432    | 343    | 247    | 179    | 143  | 81.2 | 58.9 | 38.4 | 24.8 | 20.1 |
| P12V600   | NAPW120600HP0MA | 136   | 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 | 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 | 266   | 266   | 173    | 129    | 101    | 73.1   | 52.4   | 43.7 | 24.3 | 17.4 | 11.3 | 7.10 | 5.86 |
| XP12V2500 | NAXP122500HP0FA | 325   | 325   | 211    | 168    | 134    | 97.9   | 70.5   | 55.7 | 30.2 | 20.5 | 12.9 | 8.50 | 7.18 |
| XP12V3000 | NAXP123000HP0FA | 373   | 373   | 260    | 210    | 169    | 124    | 89.6   | 70.8 | 39.4 | 28.3 | 18.0 | 11.7 | 9.56 |
| XP12V3400 | NAXP123400HP0FA | 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     | 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 | 698   | 582   | 406    | 308    | 247    | 177    | 126    | 98.5 | 55.4 | 38.4 | 24.4 | 15.5 | 12.6 |
| XP6V2800  | NAXP062800HP0FA | 791   | 791   | 546    | 440    | 348    | 250    | 181    | 144  | 81.7 | 59.2 | 38.6 | 24.9 | 20.2 |
| P12V600   | NAPW120600HP0MA | 143   | 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 | 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 | 276   | 276   | 176    | 131    | 103    | 74.2   | 52.9   | 44.1 | 24.5 | 17.6 | 11.3 | 7.10 | 5.86 |
| XP12V2500 | NAXP122500HP0FA | 338   | 338   | 218    | 170    | 135    | 98.8   | 71.9   | 56.1 | 30.4 | 20.6 | 12.9 | 8.50 | 7.20 |
| XP12V3000 | NAXP123000HP0FA | 399   | 399   | 268    | 212    | 171    | 126    | 90.5   | 71.5 | 39.7 | 28.5 | 18.2 | 11.8 | 9.61 |
| XP12V3400 | NAXP123400HP0FA | 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     | 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  | 1537  | 1267   | 1067   | 919    | 711    | 545    | 445 | 246  | 174  | 114  | 76.1 | 62.9 |
| XP6V2800  | NAXP062800HP0FA | 1400  | 1400  | 1400   | 1400   | 1210   | 1010   | 835    | 659 | 430  | 301  | 192  | 127  | 104  |
| P12V600   | NAPW120600HPOMA | 834   | 725   | 539    | 427    | 356    | 271    | 200    | 162 | 97.4 | 71.1 | 47.7 | 31.5 | 26.4 |
| P12V875   | NAPW120875HPOMC | 1151  | 1006  | 762    | 608    | 506    | 397    | 304    | 253 | 153  | 112  | 76.1 | 50.8 | 43.6 |
| XP12V1800 | NAXP121800HP0FA | 1760  | 1760  | 1250   | 983    | 840    | 670    | 496    | 387 | 226  | 161  | 103  | 72.1 | 59.5 |
| XP12V2500 | NAXP122500HP0FA | 2080  | 2080  | 1590   | 1310   | 1108   | 854    | 598    | 509 | 283  | 199  | 128  | 85.4 | 69.6 |
| XP12V3000 | NAXP123000HP0FA | 2250  | 2250  | 2250   | 2090   | 1653   | 1120   | 841    | 683 | 405  | 302  | 193  | 125  | 101  |
| XP12V3400 | NAXP123400HP0FA | 2760  | 2600  | 2100   | 1756   | 1505   | 1180   | 895    | 726 | 458  | 329  | 208  | 135  | 109  |

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

| Type      | Part number     | 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  | 1982  | 1586   | 1302   | 1107   | 848    | 632    | 498 | 279 | 193  | 126  | 82.2 | 68.0 |
| XP6V2800  | NAXP062800HP0FA | 2230  | 2230  | 2230   | 2110   | 1680   | 1150   | 875    | 718 | 436 | 329  | 209  | 137  | 112  |
| P12V600   | NAPW120600HPOMA | 1033  | 868   | 627    | 491    | 406    | 300    | 221    | 179 | 108 | 79.2 | 51.8 | 33.5 | 28.4 |
| P12V875   | NAPW120875HPOMC | 1441  | 1225  | 906    | 718    | 597    | 462    | 352    | 284 | 170 | 126  | 84.2 | 54.8 | 46.7 |
| XP12V1800 | NAXP121800HP0FA | 2110  | 2110  | 1450   | 1120   | 952    | 745    | 547    | 430 | 253 | 181  | 113  | 77.7 | 64.0 |
| XP12V2500 | NAXP122500HP0FA | 2560  | 2560  | 1870   | 1520   | 1262   | 949    | 659    | 568 | 307 | 217  | 138  | 91.9 | 74.9 |
| XP12V3000 | NAXP123000HP0FA | 2830  | 2830  | 2440   | 2170   | 1741   | 1260   | 928    | 747 | 434 | 320  | 205  | 133  | 108  |
| XP12V3400 | NAXP123400HP0FA | 3363  | 3046  | 2472   | 2075   | 1783   | 1400   | 1054   | 853 | 490 | 349  | 220  | 143  | 116  |

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

| Type      | Part number     | 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 | 2634  | 2349  | 1808   | 1454   | 1212   | 906    | 664    | 523 | 290 | 203  | 136  | 88.3 | 72.6 |
| XP6V2800  | NAXP062800HP0FA | 2320  | 2320  | 2320   | 2120   | 1735   | 1250   | 939    | 763 | 454 | 339  | 216  | 141  | 115  |
| P12V600   | NAPW120600HPOMA | 1171  | 971   | 689    | 532    | 435    | 320    | 235    | 192 | 113 | 82.2 | 54.8 | 35.5 | 29.4 |
| P12V875   | NAPW120875HPOMC | 1688  | 1418  | 1013   | 785    | 650    | 492    | 372    | 301 | 183 | 135  | 89.3 | 57.9 | 48.2 |
| XP12V1800 | NAXP121800HP0FA | 2360  | 2360  | 1590   | 1220   | 1020   | 793    | 583    | 459 | 263 | 190  | 121  | 82.1 | 66.2 |
| XP12V2500 | NAXP122500HP0FA | 2910  | 2910  | 2060   | 1650   | 1350   | 1000   | 701    | 605 | 326 | 234  | 145  | 96.3 | 78.1 |
| XP12V3000 | NAXP123000HP0FA | 3180  | 3180  | 2550   | 2200   | 1799   | 1340   | 983    | 786 | 450 | 328  | 210  | 137  | 111  |
| XP12V3400 | NAXP123400HP0FA | 4000  | 3500  | 2720   | 2250   | 1928   | 1500   | 1126   | 905 | 505 | 358  | 225  | 146  | 118  |

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

| Type      | Part number     | 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 | 3021  | 2654  | 1982   | 1566   | 1282   | 950    | 689    | 541 | 300 | 211  | 140  | 89.3 | 73.6 |
| XP6V2800  | NAXP062800HP0FA | 2960  | 2960  | 2440   | 2190   | 1786   | 1320   | 978    | 790 | 464 | 343  | 219  | 143  | 117  |
| P12V600   | NAPW120600HPOMA | 1266  | 1045  | 732    | 565    | 458    | 336    | 246    | 203 | 116 | 85.3 | 55.8 | 36.5 | 29.9 |
| P12V875   | NAPW120875HPOMC | 1823  | 1523  | 1074   | 827    | 680    | 513    | 386    | 315 | 192 | 140  | 91.4 | 58.9 | 49.2 |
| XP12V1800 | NAXP121800HP0FA | 2540  | 2540  | 1700   | 1290   | 1080   | 833    | 608    | 479 | 271 | 196  | 125  | 83.2 | 67.3 |
| XP12V2500 | NAXP122500HP0FA | 3200  | 3200  | 2220   | 1760   | 1439   | 1060   | 727    | 632 | 337 | 245  | 149  | 97.5 | 79.0 |
| XP12V3000 | NAXP123000HP0FA | 3500  | 3500  | 2680   | 2260   | 1855   | 1390   | 1010   | 807 | 458 | 332  | 212  | 138  | 113  |
| XP12V3400 | NAXP123400HP0FA | 4494  | 3897  | 2976   | 2435   | 2052   | 1568   | 1163   | 932 | 525 | 368  | 232  | 149  | 120  |

## Sprinter P/XP

### Constant power discharge

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

| Type      | Part number     | 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 | 3347  | 2876  | 2092   | 1628   | 1331   | 977    | 699    | 552 | 311 | 218  | 142  | 90.3 | 74.1 |
| XP6V2800  | NAXP062800HP0FA | 3310  | 3310  | 2560   | 2210   | 1809   | 1350   | 999    | 805 | 469 | 346  | 221  | 144  | 118  |
| P12V600   | NAPW120600HPOMA | 1348  | 1101  | 762    | 579    | 469    | 343    | 251    | 205 | 118 | 87.3 | 56.8 | 37.0 | 30.5 |
| P12V875   | NAPW120875HPOMC | 1948  | 1605  | 1109   | 843    | 694    | 525    | 398    | 327 | 197 | 145  | 93.4 | 59.9 | 50.2 |
| XP12V1800 | NAXP121800HP0FA | 2680  | 2680  | 1760   | 1330   | 1110   | 855    | 622    | 488 | 276 | 199  | 129  | 84.3 | 68.4 |
| XP12V2500 | NAXP122500HP0FA | 3350  | 3350  | 2330   | 1820   | 1476   | 1080   | 739    | 641 | 346 | 249  | 150  | 98.3 | 79.2 |
| XP12V3000 | NAXP123000HP0FA | 3780  | 3780  | 2790   | 2310   | 1897   | 1420   | 1020   | 818 | 462 | 334  | 214  | 139  | 114  |
| XP12V3400 | NAXP123400HP0FA | 5060  | 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     | 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 | 3521  | 3007  | 2161   | 1663   | 1358   | 994    | 713    | 560 | 316 | 222  | 143  | 91.4 | 74.1 |
| XP6V2800  | NAXP062800HP0FA | 3630  | 3630  | 2680   | 2240   | 1831   | 1370   | 1010   | 814 | 472 | 347  | 222  | 145  | 118  |
| P12V600   | NAPW120600HPOMA | 1422  | 1151  | 780    | 591    | 477    | 347    | 255    | 207 | 119 | 88.3 | 56.8 | 37.0 | 30.5 |
| P12V875   | NAPW120875HPOMC | 2069  | 1677  | 1133   | 858    | 706    | 533    | 405    | 332 | 202 | 148  | 94.4 | 60.9 | 50.8 |
| XP12V1800 | NAXP121800HP0FA | 2790  | 2790  | 1810   | 1350   | 1120   | 868    | 629    | 496 | 279 | 202  | 130  | 84.3 | 68.4 |
| XP12V2500 | NAXP122500HP0FA | 3560  | 3560  | 2400   | 1850   | 1501   | 1100   | 751    | 645 | 348 | 251  | 151  | 98.9 | 80.3 |
| XP12V3000 | NAXP123000HP0FA | 4010  | 4010  | 2870   | 2330   | 1909   | 1430   | 1030   | 825 | 465 | 336  | 216  | 140  | 114  |
| XP12V3400 | NAXP123400HP0FA | 5400  | 4584  | 3300   | 2595   | 2150   | 1620   | 1202   | 960 | 535 | 376  | 237  | 153  | 124  |

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

| Type      | Part number     | 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 | 3597  | 3063  | 2210   | 1700   | 1379   | 1002   | 720    | 567 | 319 | 224  | 143  | 91.4 | 74.1 |
| XP6V2800  | NAXP062800HP0FA | 3920  | 3920  | 2780   | 2270   | 1850   | 1380   | 1010   | 819 | 474 | 348  | 223  | 145  | 118  |
| P12V600   | NAPW120600HPOMA | 1478  | 1186  | 791    | 600    | 480    | 350    | 258    | 209 | 120 | 88.3 | 56.8 | 37.0 | 30.5 |
| P12V875   | NAPW120875HPOMC | 2155  | 1730  | 1157   | 875    | 718    | 542    | 410    | 337 | 204 | 149  | 94.4 | 60.9 | 50.8 |
| XP12V1800 | NAXP121800HP0FA | 2870  | 2870  | 1840   | 1370   | 1140   | 878    | 637    | 503 | 284 | 203  | 130  | 84.3 | 68.4 |
| XP12V2500 | NAXP122500HP0FA | 3680  | 3680  | 2450   | 1870   | 1516   | 1110   | 755    | 648 | 349 | 254  | 153  | 99.4 | 80.3 |
| XP12V3000 | NAXP123000HP0FA | 4180  | 4180  | 3040   | 2350   | 1914   | 1440   | 1040   | 830 | 467 | 337  | 218  | 141  | 115  |
| XP12V3400 | NAXP123400HP0FA | 5850  | 4850  | 3400   | 2640   | 2185   | 1645   | 1220   | 970 | 540 | 380  | 240  | 155  | 126  |







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