

# Sprinter XP - FT / XP12V5300FT V0

## INDUSTRIAL BATTERIES / NETWORK POWER

Sprinter XP batteries are recognized for their incredibly high power density and impressive reliability for very short up to long back-up times. The Sprinter XP-FT comes with practical front terminal access which greatly facilitates installation and maintenance. The proven Sprinter XP technology confirms GNB's extensive experience and worldwide leadership in VRLA technology.

**Part Number: NAPF125300VP0FB**



### APPLICATIONS



### SPECIFICATIONS

- High-Compression Absorbent Glass Mat (AGM) technology
- Design life: »»12 Years – Very Long Life« according to EUROBAT 2015 classification
- Grid plates with superior lead low calcium high tin alloy for excellent corrosion resistance
- Designed in accordance with IEC 60896-21/-22
- Very low gassing due to internal gas recombination (99% efficiency)
- Available as standard or flame retardant version (UL 94-V0)
- Central degassing feature available
- No restrictions for rail, road, sea and air transportation (IATA, DGR clause A67) – trouble-free transportation of operational blocks
- Approval: UL (Underwriters Laboratories)
- Manufactured in Europe in our ISO 9001 certified production plants



Design life  
> 12 years -  
Very Long Life



Block battery



Grid plate



Recyclable



Valve  
regulated  
lead-acid  
batteries



Maintenance  
free (no  
topping up)



Special high  
current  
performance

### RECYCLE WITH EXIDE.



Exide Technologies takes pride in its commitment to a better environment. An integrated approach to manufacturing, distributing and recycling of lead-acid batteries has been developed to ensure a safe and responsible life cycle for all of its products.



For more information please  
[contact your local dealer](#)

## TECHNICAL CHARACTERISTICS AND DATA

|                              |   |
|------------------------------|---|
| <b>Nominal voltage</b>       | 12 V  |
| <b>Float charge</b>          | 2,27 V/C @ 25 °C  |
| <b>Capacity</b>              | CP 10min 1,6V/C 25°C 5459W/Bloc<br>CC 10h 1,8V/C 20°C 186Ah |
| <b>Short circuit current</b> | 3892 A (IEC60896-21/22)                                     |
| <b>Internal resistance</b>   | 3,2 mΩ (IEC60896-21/22)                                     |

|                                 |                           |
|---------------------------------|---------------------------|
| <b>Terminal</b>                 | F-M6-90°                  |
| <b>Terminal Torque</b>          | 11 Nm                     |
| <b>Container</b>                | UL 94 V-0 (Polypropylene) |
| <b>Temperature range</b>        | -40°C to 55°C             |
| <b>Dimensions (l x b/w x h)</b> | 125 x 559 x 318 mm        |
| <b>Weight</b>                   | 62 kg                     |
| <b>Origin</b>                   | Castanheira, Portugal     |

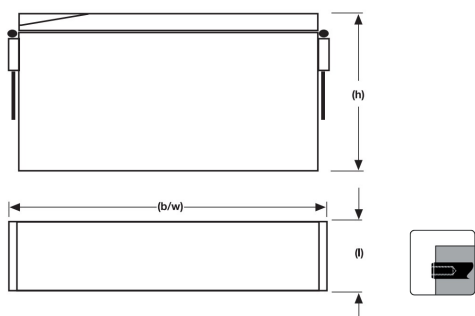
## CONSTANT POWER DISCHARGE

| W @ 25 °C | 3 min | 5 min | 10 min | 15 min | 30 min | 45 min | 1 h  | 2 h | 3 h | 5 h | 8 h | 10 h |
|-----------|-------|-------|--------|--------|--------|--------|------|-----|-----|-----|-----|------|
| 1,900 V/C | 3966  | 3708  | 3162   | 2730   | 1998   | 1419   | 1254 | 736 | 538 | 353 | 238 | 198  |
| 1,850 V/C | 4635  | 4223  | 3502   | 2987   | 2112   | 1513   | 1331 | 774 | 556 | 363 | 244 | 203  |
| 1,800 V/C | 5408  | 4944  | 4017   | 3451   | 2421   | 1660   | 1440 | 805 | 577 | 374 | 250 | 207  |
| 1,750 V/C | 6180  | 5562  | 4378   | 3708   | 2524   | 1729   | 1479 | 826 | 590 | 381 | 254 | 210  |
| 1,700 V/C | 7004  | 6129  | 4738   | 3873   | 2678   | 1810   | 1517 | 863 | 616 | 393 | 261 | 214  |
| 1,650 V/C | 7622  | 6695  | 5202   | 4172   | 2760   | 1896   | 1546 | 908 | 646 | 409 | 270 | 220  |
| 1,600 V/C | 8034  | 7056  | 5459   | 4326   | 2781   | 1945   | 1560 | 938 | 663 | 419 | 273 | 224  |

## CONSTANT CURRENT DISCHARGE

| A @ 25 °C | 3 min | 5 min | 10 min | 15 min | 30 min | 45 min | 1 h | 2 h  | 3 h  | 5 h  | 8 h  | 10 h |
|-----------|-------|-------|--------|--------|--------|--------|-----|------|------|------|------|------|
| 1,900 V/C | 330   | 309   | 268    | 237    | 173    | 132    | 110 | 64,6 | 47   | 30,8 | 20,5 | 17   |
| 1,850 V/C | 443   | 402   | 336    | 286    | 196    | 144    | 122 | 70,7 | 49,7 | 32,8 | 22,2 | 18,4 |
| 1,800 V/C | 525   | 469   | 377    | 314    | 210    | 148    | 126 | 73,6 | 52,5 | 34,2 | 23,1 | 19,2 |
| 1,750 V/C | 618   | 546   | 425    | 346    | 225    | 155    | 130 | 76,7 | 55   | 35,8 | 23,6 | 19,5 |
| 1,700 V/C | 700   | 608   | 464    | 375    | 237    | 167    | 133 | 78,7 | 56,5 | 36,1 | 23,8 | 19,7 |
| 1,650 V/C | 773   | 664   | 494    | 397    | 247    | 177    | 136 | 79,9 | 57   | 36,4 | 24   | 19,9 |
| 1,600 V/C | 834   | 706   | 517    | 412    | 253    | 180    | 138 | 80,8 | 57,1 | 36,6 | 24,1 | 20   |

## Technical drawing



## Float Voltage vs Temperature

