

# Sprinter P-XP / XP12V1800

## INDUSTRIAL BATTERIES / NETWORK POWER

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.

Part Number: **NAXP121800HP0FA**

### APPLICATIONS



### SPECIFICATIONS

- Maintenance-free (no topping up) during the whole service life
- High-Compression Absorbent Glass Mat (AGM) technology
- Design life: »10-12 Years – Long Life« according to EUROBAT 2015 classification
- Available as standard or flame retardant version (UL 94-V0)
- Designed in accordance with IEC 60896-21/-22
- 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
- Approval: UL (Underwriter Laboratories)
- Manufactured in Europe in our ISO 9001 certified production plants



Design life  
10-12 years  
– 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 leadacid 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 1840W/Bloc CC 10h 1,8V/C 25°C 56,4Ah
<b>Short circuit current</b>	1558 A (IEC60896-21/22)
<b>Internal resistance</b>	8,1 mΩ (IEC60896-21/22)

<b>Terminal</b>	F - M6
<b>Terminal Torque</b>	11 Nm
<b>Container</b>	UL 94-HB (Polypropylene)
<b>Temperature range</b>	-40°C to 55°C
<b>Dimensions (l x b/w x h)</b>	220 x 172 x 235 mm
<b>Weight</b>	21 kg
<b>Origin</b>	Castanheira, Portugal

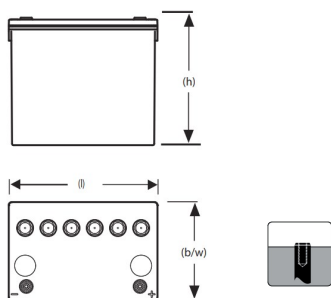
## CONSTANT POWER DISCHARGE

W @ 25 °C	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
1,900 V/C	1760	1760	1760	1760	1250	983	840	670	496	387	226	161	103	72,1	59,5
1,850 V/C	2110	2110	2110	2110	1450	1120	952	745	547	430	253	181	113	77,7	64
1,800 V/C	2600	2440	2280	2360	1590	1220	1020	793	583	459	263	190	121	82,1	66,2
1,750 V/C	3000	2800	2600	2540	1700	1290	1080	833	608	479	271	196	125	83,2	67,3
1,700 V/C	3470	3100	2840	2680	1760	1330	1110	855	622	488	276	199	129	84,3	68,4
1,650 V/C	3760	3400	3084	2790	1810	1350	1120	868	629	496	279	202	130	84,3	68,4
1,600 V/C	4000	3600	3280	2870	1840	1370	1140	878	637	503	284	203	130	84,3	68,4

## CONSTANT CURRENT DISCHARGE

A @ 25 °C	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	20 h
1,900 V/C	152	152	152	152	113	89,5	72,7	54,3	39,8	33,5	19,2	13,8	9,4	6	5,1	2,6
1,850 V/C	189	189	189	189	134	104	83,4	61,4	44,5	37,3	21,7	15,5	10,2	6,4	5,4	2,8
1,800 V/C	221	208	213	213	147	113	90,3	66,1	48	39,8	22,6	16,3	10,6	6,83	5,64	2,9
1,750 V/C	261	244	235	235	158	121	96,3	69,6	49,3	41,6	23,4	16,9	11	6,94	5,75	3
1,700 V/C	302	270	254	254	168	127	100	71,9	51,1	42,9	24	17,2	11,2	7,05	5,86	3
1,650 V/C	342	309	266	266	173	129	101	73,1	52,4	43,7	24,3	17,4	11,3	7,1	5,86	3
1,600 V/C	364	327	276	276	176	131	103	74,2	52,9	44,1	24,5	17,6	11,3	7,1	5,86	3

## Technical drawing



## Float Voltage vs Temperature

