

# Sprinter P-XP / XP12V4400

## 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: **NAXP124400HP0FA**

### 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 4500W/Bloc CC 10h 1,8V/C 25°C 140Ah
<b>Short circuit current</b>	2961 A (IEC60896-21/22)
<b>Internal resistance</b>	4,2 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>	351 x 172 x 275 mm
<b>Weight</b>	46,7 kg
<b>Origin</b>	Castanheira, Portugal

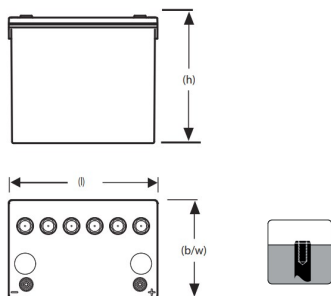
## CONSTANT POWER DISCHARGE

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	3000	3000	3000	3000	2600	2300	2000	1553	1178	956	603	433	274	178	143
1,850 V/C	3351	3351	3351	3351	3000	2600	2300	1775	1346	1092	645	459	290	188	153
1,800 V/C	5000	4800	4600	4100	3550	2900	2560	1974	1482	1191	665	471	296	192	155
1,750 V/C	5900	5450	5100	4600	3900	3150	2740	2064	1531	1227	691	484	305	196	158
1,700 V/C	6776	6138	5650	5000	4200	3250	2800	2093	1553	1244	698	488	308	199	161
1,650 V/C	7200	6600	6100	5400	4350	3400	2850	2150	1622	1296	722	508	320	207	167
1,600 V/C	7700	7000	6500	5750	4500	3500	2900	2200	1647	1310	729	513	324	209	170

## 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	250	250	250	250	217	192	167	129	98,2	78,3	49,4	35,5	22,4	14,6	11,8	6,1
1,850 V/C	291	291	291	291	261	226	200	154	117	91	53,7	38,3	24,1	15,7	12,7	6,6
1,800 V/C	455	436	418	373	323	264	233	180	135	107	59,9	42,5	26,7	17,3	14	7,3
1,750 V/C	543	501	469	423	359	290	252	188	139	111	62,4	43,7	27,6	17,7	14,3	7,4
1,700 V/C	625	566	521	461	387	300	258	190	141	112	63	44,1	27,8	18	14,5	7,5
1,650 V/C	667	611	565	500	403	315	264	196	148	117	65,1	45,7	28,8	18,6	15,1	7,8
1,600 V/C	713	648	602	532	417	324	269	200	150	118	65,7	46,2	29,2	18,9	15,3	8

## Technical drawing



## Float Voltage vs Temperature

