

# Sprinter P-XP / XP12V4000

## 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: NAXP124000HP0FA**

### 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 (Underwriters 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 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 4100W/Bloc CC 10h 1,8V/C 25°C 120Ah
<b>Short circuit current</b>	2973 A (IEC60896-21/22)
<b>Internal resistance</b>	4,22 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>	43,6 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	2857	2848	2841	2755	2420	2161	1862	1446	1076	865	535	373	236	153	123
1,850 V/C	3191	3182	3177	3082	2792	2443	2141	1652	1230	988	573	396	250	162	132
1,800 V/C	4762	4571	4353	3863	3165	2724	2383	1837	1354	1078	590	406	255	165	134
1,750 V/C	5619	5190	4879	4282	3584	2959	2550	1921	1399	1110	613	417	263	169	136
1,700 V/C	6335	5935	5488	4725	3863	3053	2606	1948	1419	1126	620	421	265	172	139
1,650 V/C	6962	6335	5925	5103	4008	3194	2653	2001	1482	1173	641	438	276	178	144
1,600 V/C	7350	6768	6313	5434	4100	3232	2699	2048	1505	1186	647	442	279	180	147

## 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	235	231	226	218	198	175	150	116	87,8	70,2	43	30,9	19,5	12,7	10,1	5,2
1,850 V/C	273	269	265	259	238	206	179	138	103	81,5	46,7	33,3	21	13,7	10,9	5,7
1,800 V/C	432	414	397	357	294	241	209	161	121	95,9	52,1	37	23,2	15,1	12	6,3
1,750 V/C	510	479	449	405	327	265	223	168	125	99,5	54,3	38	24	15,4	12,3	6,3
1,700 V/C	582	542	499	441	353	279	231	170	126	100	54,8	38,4	24,2	15,7	12,5	6,4
1,650 V/C	627	585	541	479	367	288	237	176	133	105	56,6	39,8	25,1	16,2	13	6,7
1,600 V/C	670	620	576	509	380	296	241	179	134	106	57,2	40,2	25,4	16,4	13,2	6,9

## Float Voltage vs Temperature

