

# Sprinter Pure Power / S12V4500PP

## INDUSTRIAL BATTERIES / NETWORK POWER

The extremely powerful, compact AGM batteries of the Sprinter Pure Power 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: NAPP124500HP0FA**

### APPLICATIONS



### SPECIFICATIONS

- Maintenance-free (no topping up) during the whole service life
- High-Compression Absorbent Glass Mat (AGM) technology
- Design life: »> 12 years– Very 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
- Pure lead
- 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  
> 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 4305W/Bloc CC 10h 1,8V/C 25°C 120Ah
<b>Short circuit current</b>	3270 A (IEC60896-21/22)
<b>Internal resistance</b>	3,8 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 291 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
1,800 V/C	4905	4709	4483	3979	3323	2861	2502	1929	1422	1078	590	406	255	165	134
1,750 V/C	5788	5413	5074	4577	3695	3107	2678	2017	1469	1110	613	417	263	169	136
1,700 V/C	6525	6113	5652	4867	4056	3206	2737	2046	1490	1126	620	421	265	172	139
1,650 V/C	7170	6525	6102	5256	4208	3354	2785	2101	1556	1173	641	438	276	178	144
1,600 V/C	7571	6971	6503	5597	4305	3394	2834	2150	1580	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
1,800 V/C	432	414	397	357	294	246	215	166	123	96	52,1	37	23,2	15,1	12	6,3
1,750 V/C	510	479	449	405	327	273	234	176	129	100	54,3	38	24	15,4	12,3	6,3
1,700 V/C	582	556	511	441	364	287	248	183	132	100	54,8	38,4	24,2	15,7	12,5	6,4
1,650 V/C	665	608	568	489	378	310	255	189	140	105	56,6	39,8	25,1	16,2	13	6,7
1,600 V/C	710	645	605	524	391	318	259	192	141	106	57,2	40,2	25,4	16,4	13,2	6,9

## Technical drawing

