

Sprinter Pure Power / S12V4500PP V0

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: **NAPP124500VP0FA**

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

Nominal voltage	12 V
Float charge	2,27 V/C @ 25 °C
Capacity	CP 10min 1,6V/C 25°C 4305W/Bloc CC 10h 1,8V/C 25°C 120Ah
Short circuit current	3270 A (IEC60896-21/22)
Internal resistance	3,8 mΩ (IEC60896-21/22)

Terminal	F - M6
Terminal Torque	11 Nm
Container	UL 94 HB (Polypropylene)
Temperature range	-40°C to 55°C
Dimensions (l x b/w x h)	351 x 172 x 291 mm
Weight	43,6 kg
Origin	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

