Sprinter Pure Power / S12V3800PP

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: NAPP123800HP0FA

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 3740W/Bloc CC 10h 1,8V/C 25°C 105Ah

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 239 mm
Weight	35,5 kg
Origin	Castanheira, Portugal

The indicated discharge rates are provisional and might be improved in the next weeks.

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	4984	4704	4469	3920	2992	2419	2073	1613	1194	905	505	358	225	146	118
1,750 V/C	5992	5488	5033	4365	3274	2618	2206	1686	1233	932	525	368	232	149	120
1,700 V/C	6899	6250	5656	4789	3461	2704	2258	1709	1251	945	530	371	234	151	122
1,650 V/C	7370	6664	6045	5134	3630	2790	2311	1742	1274	960	535	376	237	153	124
1,600 V/C	7840	7056	6429	5432	3740	2838	2349	1768	1293	970	540	380	240	155	126

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	423	400	381	334	258	205	172	138	100	76	43	30,3	19,5	12,8	10,5	5,5
1,750 V/C	521	477	441	384	285	229	190	149	105	79	44,2	30,9	20	13	10,7	5,6
1,700 V/C	615	558	505	430	315	246	202	153	108	81	44,8	31,5	20,2	13,2	10,8	5,7
1,650 V/C	688	621	554	473	337	261	212	156	110	82	45,3	32	20,4	13,4	10,9	5,8
1,600 V/C	731	676	616	519	355	270	216	160	113	84	45,8	32,3	20,6	13,5	11	5,9

Technical drawing