GNB®
INDUSTRIAL POWER
A Division of Exide Technologies

Industrial Batteries / Network Power

NEW Sprinter XP - Front Terminal

Xtra-Power

»Premium Quality.
Maintenance-free.Operational Reliability«

Sprinter®

Sprinter XP - Front Terminal

Technical data

Sprinter XP batteries are recognized for their incredibly high power density and impressive reliability for very short to long back-up times. Now the Sprinter Xtra Power design is available with Front Terminal access, which greatly facilitates installation and maintenance.
The latest addition to the Network Power product portfolio, the Sprinter XP12V4400FT highlights another example of GNB® Industrial Power's extensive experience and worldwide leadership in VRLA technology.

Your benefits:

> Enhanced Power Density: +26% compared to standard Front Terminal batteries

> Optimised design for high current discharges

> Front Terminal design with handles

> Easy Installation & Maintenance - saves space and time

> Low self-discharge rate - extended storage capability

> Very short recharge time - high availability

> Maintenance free – no topping-up

Technical characteristics and data

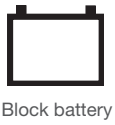
Type	Part number	Nom. voltage V	Power 10 min 1.60 Vpc 20°C W/block	Nominal capacity C_{10} 1.80 Vpc 20°C Ah	Length (l) max. mm	Width (b/w) max. mm	Height (h1) max. mm	Weight approx. kg	Internal resistance mOhm	Short circuit current A	Terminal
XP12V4400FT	NAPF124400HP0FA	12	4380	155	559	124	283	54.3	4.0	3160	F-M6-90°

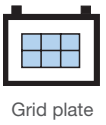
Specifications:

> High-Compression Absorbent Glass Mat (AGM) technology
> 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)
> Design life: »10-12 Years – High Performance« according to EUROBAT classification
> Approval: Underwriter Laboratories (UL)
> Available with standard or flame retardant (UL94-V0) container
> Central Degassing feature available
> No restrictions for rail, road, sea and air transportation (IATA, DGR clause A67) – trouble-free transportation of operational blocks
> Manufactured in Europe in our ISO 9001 certified production plants


10-12 years – High Performance


Nominal capacity 155 Ah


Block battery


Grid plate


Recyclable

Valve regulated lead-acid batteries


Maintenance free (no topping up)


Special high current performance

Sprinter XP - Front Terminal

Constant current and constant power discharge

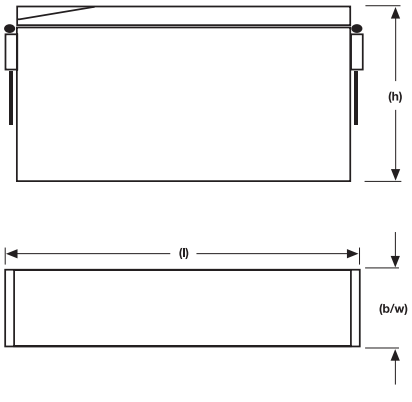
Discharge in A at 20 °C

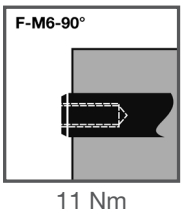
Final Discharge Voltage Vpc	3 min	5 min	10 min	15 min	30 min	45 min	1 h	2 h	3 h	5 h	8 h	10 h
1.90	290	285	235	200	142	112	93.0	56.1	40.1	25.7	16.7	13.6
1.85	357	330	267	230	161	125	103	61.6	43.9	27.9	18.3	14.9
1.80	402	370	305	260	180	137	110	64.0	45.8	29.0	19.0	15.5
1.75	450	412	335	279	188	141	113	66.0	47.0	30.0	19.6	15.9
1.70	555	490	375	305	195	144	114	66.7	47.5	30.3	19.7	16.0
1.65	630	544	405	323	199	146	115	67.3	47.9	30.5	19.8	16.1
1.60	710	600	430	335	203	148	116	68.1	48.4	30.9	20.0	16.2

Discharge in Watt/block at 20 °C

Final Discharge Voltage Vpc	3 min	5 min	10 min	15 min	30 min	45 min	1 h	2 h	3 h	5 h	8 h	10 h
1.90	1440	1440	1440	1440	1440	1125	930	650	495	330	220	180
1.85	4000	3620	2950	2490	1690	1280	1040	688	510	340	226	184
1.80	4660	4250	3420	2830	1900	1430	1150	736	540	348	227	186
1.75	5200	4670	3680	3050	2020	1510	1210	750	541	350	228	186
1.70	5820	5180	4050	3310	2130	1560	1230	760	545	352	229	186
1.65	6100	5400	4180	3400	2160	1580	1250	765	548	352	230	186
1.60	6660	5820	4380	3500	2200	1600	1260	770	550	353	231	187

Drawings, terminal and torque





11 Nm

Not to scale!

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ABSOLYTE · Classic® · drysafe® · Element® · LIBERATOR® · 2100 · MARATHON® · Powerfit® · Sonnenschein · Sprinter® · TENSOR®

Exide Technologies, with operations in more than **80 countries**, is one of the world's largest producers and recyclers of lead-acid batteries. Exide Technologies provides a comprehensive and customized range of stored electrical energy solutions. Based on **over 100 years of experience** in the development of innovative technologies, Exide Technologies is an esteemed partner of OEMs and serves the spare parts market for industrial and transportation applications.

GNB® INDUSTRIAL POWER – A division of Exide Technologies – offers an **extensive range of storage products and services**, including solutions for telecommunication systems, railway applications, mining, photovoltaic (solar energy), uninterrupted power supply (UPS), electrical power generation and distribution, fork lifts and electric vehicles.

Exide Technologies takes pride in its commitment to a better **environment**. Its Total Battery Management programme, (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.

NXPFTTEPDF00214 Subject to alterations.

*»The **next Level** of Energy Management«*

GNB® INDUSTRIAL POWER provides long lasting energy concepts that combine efficiency with flexibility.

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