

Sprinter XP-FT

Technical data sheet

Technical features:

- Design life: >12 years at 20 °C (until 80% nominal C_{10})
- High-compression Absorbent Glass Mat (AGM) technology
- Grid plates with high-purity lead, low-calcium, high-tin alloy for excellent corrosion resistance
- Very low gassing due to internal gas recombination (99% efficiency)
- Available with standard or flame-retardant (UL 94 V-0) container
- Central degassing feature available

Standards & certifications:

- EUROBAT 2015 classification: >12 years – Very long life
- No restrictions for rail, road, sea, and air transportation (IATA, DGR clause A67) of operational blocks
- Approval: UL (Underwriters Laboratories)
- Designed in accordance with IEC 60896-21/22
- Manufactured in Europe in ISO 9001 certified production plants



Design life
>12 years



Nominal capacity
155-186 Ah



Block battery



Grid plate



Recyclable



Valve regulated
lead-acid
batteries



Maintenance free
(no topping up)



Special high
current
performance

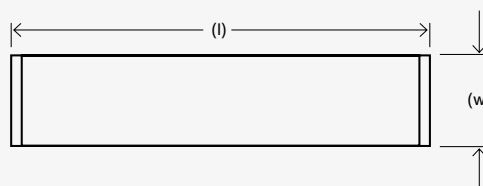
Technical characteristics and data

Type	Part number	Nom. voltage	Power 10min	Nominal capacity	Length	Width	Height	Weight	Internal resistance	Short circuit current	Terminal
		V	1.60 Vpc 20 °C	C_{10} 1.80 Vpc 20 °C	(l)	(w)	(h)	approx. kg	mOhm*	A*	
			W/block	Ah	max. mm	max. mm	max. mm				
XP12V4400FT	NAPF124400HP0FB	12	4380	155	559	125	283	53.0	4.0	3160	F-M6-90°
XP12V5300FT	NAPF125300HP0FB	12	5300	186	559	125	318	60.0	3.2	3892	F-M6-90°

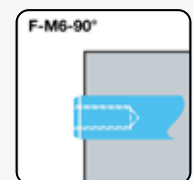
* According to IEC 60896-21/22

Container, drawings, terminal and torque

Standard polypropylene (PP) according to UL 94 HB or flame-retardant polypropylene (PP) according to UL 94 V-0. Change 'H' to 'V' in the part number for UL 94 V-0 version.



Not to scale!



11 Nm

Sprinter XP-FT

Constant current discharge

Type	3 min	5 min	10 min	15 min	30 min	45 min	1 h	2 h	3 h	5 h	8 h	10 h
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1.90 Vpc – Discharge in A at 25 °C

XP12V4400FT	299	294	242	206	146	115	96	57.8	41.3	26.5	17.2	14.0
XP12V5300FT	330	309	268	237	173	132	110	64.6	47.0	30.8	20.5	17.0

1.85 Vpc – Discharge in A at 25 °C

XP12V4400FT	368	340	278	237	166	129	106	63.4	45.2	28.7	18.8	15.3
XP12V5300FT	443	402	336	286	196	144	122	70.7	49.7	32.8	22.2	18.4

1.80 Vpc – Discharge in A at 25 °C

XP12V4400FT	414	381	314	268	185	141	113	65.9	47.2	29.9	19.6	16.0
XP12V5300FT	525	469	377	314	210	148	126	73.6	52.5	34.2	23.1	19.2

1.75 Vpc – Discharge in A at 25 °C

XP12V4400FT	464	424	345	287	194	145	116	68.0	48.4	30.9	20.2	16.4
XP12V5300FT	618	546	425	346	225	155	130	76.7	55.0	35.8	23.6	19.5

1.70 Vpc – Discharge in A at 25 °C

XP12V4400FT	572	505	386	314	201	148	117	68.7	48.9	31.2	20.3	16.5
XP12V5300FT	700	608	464	375	237	167	133	78.7	56.5	36.1	23.8	19.7

1.65 Vpc – Discharge in A at 25 °C

XP12V4400FT	649	560	417	333	205	150	118	69.4	49.3	31.5	20.4	16.6
XP12V5300FT	773	664	494	397	247	177	136	79.9	57.0	36.4	24.0	19.9

1.60 Vpc – Discharge in A at 25 °C

XP12V4400FT	731	618	443	345	209	152	119	70.1	49.9	31.8	20.6	16.7
XP12V5300FT	834	706	517	412	253	180	138	80.8	57.1	36.6	24.1	20.0

Sprinter XP-FT

Constant power discharge

Type	3 min	5 min	10 min	15 min	30 min	45 min	1 h	2 h	3 h	5 h	8 h	10 h
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1.90 Vpc – Discharge in W/block at 25 °C

XP12V4400FT	1483	1483	1483	1483	1483	1159	958	669	510	340	227	185
XP12V5300FT	3966	3708	3162	2730	1998	1419	1254	736	538	353	238	198

1.85 Vpc – Discharge in W/block at 25 °C

XP12V4400FT	1483	1483	1483	1483	1483	1159	958	669	510	340	227	185
XP12V5300FT	3966	3708	3162	2730	1998	1419	1254	736	538	353	238	198

1.80 Vpc – Discharge in W/block at 25 °C

XP12V4400FT	4800	4377	3523	2915	1957	1473	1185	758	556	358	234	192
XP12V5300FT	5408	4944	4017	3451	2421	1660	1440	805	577	374	250	207

1.75 Vpc – Discharge in W/block at 25 °C

XP12V4400FT	5356	4810	3790	3141	2081	1555	1246	773	557	360	235	192
XP12V5300FT	6180	5562	4378	3708	2524	1729	1479	826	590	381	254	210

1.70 Vpc – Discharge in W/block at 25 °C

XP12V4400FT	5356	4810	3790	3141	2081	1555	1246	773	557	360	235	192
XP12V5300FT	6180	5562	4378	3708	2524	1729	1479	826	590	381	254	210

1.65 Vpc – Discharge in W/block at 25 °C

XP12V4400FT	6283	5562	4305	3502	2225	1627	1287	788	564	363	237	192
XP12V5300FT	7622	6695	5202	4172	2760	1896	1546	908	646	409	270	220

1.60 Vpc – Discharge in W/block at 25 °C

XP12V4400FT	6860	5995	4511	3605	2266	1648	1298	793	567	364	238	193
XP12V5300FT	8034	7056	5459	4326	2781	1945	1560	938	663	419	273	224