

# 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

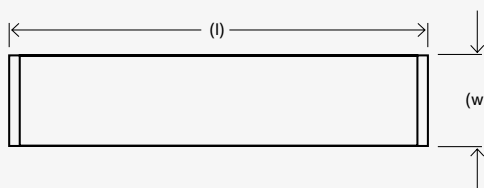
### Technical characteristics and data

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°

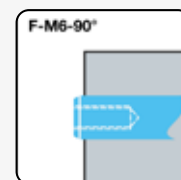
\* According to IEC 60896-21/22

### 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
------	-------	-------	--------	--------	--------	--------	-----	-----	-----	-----	-----	------

### 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
------	-------	-------	--------	--------	--------	--------	-----	-----	-----	-----	-----	------

### 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