Sprinter Pure Power FT

Technical data sheet

Technical features:

- Thin Plate Pure Lead technology (TPPL)
- Design life: 15 years at 20 °C (until 80 % nominal C_{10})
- Maintenance-free (no topping up) during the whole service life
- High-compression Absorbent Glass Mat (AGM) technology
- Power (10 minutes) from 4737 to 5732 W
- Available in flame-retardant Polypropylene-UL 94 HB or UL 94 V-0 material
- Very low gassing due to internal gas recombination (99 % efficiency)

Standards & certifications:

- EUROBAT 2022 classification: >12 years – very long life
- No restrictions for rail, road, sea, and air transportation (IATA, DGR clause A67) – trouble-free transportation of operational blocks
- Approval: UL (Underwriters Laboratories)
- Designed in accordance with IEC 60896-21/22
- Manufactured in Europe in our ISO 9001 and ISO 14001 certified production plants

Design life 15 years

Nominal capacity 160-192 Ah

Block battery

Grid plate

Recyclable

Valve regulated lead-acid batteries

Maintenance-free (no topping up)

Special high current performance

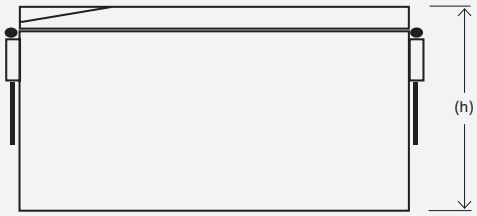
Technical characteristics and data

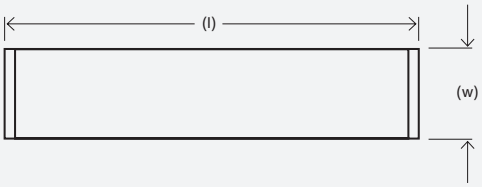
Type	Part number	Nom. voltage	Power 10 min	Nominal capacity	Length	Width	Height	Weight	Internal resistance	Short circuit current	Terminal
		V	1.60 Vpc 25 °C	C_{10} 1.80 Vpc 25 °C	(l)	(w)	(h)	approx. kg	mOhm*	A*	
			W/block	Ah	max. mm	max. mm	max. mm				
S12V4800PP FT	NAFP124800HP0FA	12	4737	160	559	125	283	53.0	3.7	3400	F-M6-90°
S12V5800PP FT	NAFP125800HP0FA	12	5732	192	559	125	318	60.0	3.0	4200	F-M6-90°

* According to IEC 60896-21/22

Container, drawings, terminal and torque

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





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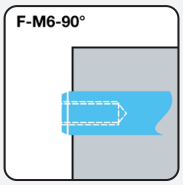

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Sprinter®

ENERGIZING A NEW WORLD

Sprinter Pure Power 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
1.85 Vpc – Discharge in A at 25 °C												
S12V4800PP FT	405	367	292	244	169	131	106	63.4	45.2	28.7	18.8	15.3
S12V5800PP FT	487	434	353	295	200	146	122	70.7	49.7	32.8	22.2	18.4
1.80 Vpc – Discharge in A at 25 °C												
S12V4800PP FT	455	411	330	276	189	143	113	65.9	47.2	29.9	19.6	16.0
S12V5800PP FT	578	507	396	323	214	150	126	73.6	52.5	34.2	23.1	19.2
1.75 Vpc – Discharge in A at 25 °C												
S12V4800PP FT	510	458	362	296	198	147	116	68.0	48.4	30.9	20.2	16.4
S12V5800PP FT	680	590	446	356	230	157	130	76.7	55.0	35.8	23.6	19.5
1.70 Vpc – Discharge in A at 25 °C												
S12V4800PP FT	629	545	405	323	205	150	117	68.7	48.9	31.2	20.3	16.5
S12V5800PP FT	770	657	487	386	242	170	133	78.7	56.5	36.1	23.8	19.7
1.65 Vpc – Discharge in A at 25 °C												
S12V4800PP FT	714	605	438	343	209	152	118	69.4	49.3	31.5	20.4	16.6
S12V5800PP FT	850	717	519	409	252	180	136	79.9	57.0	36.4	24.0	19.9
1.60 Vpc – Discharge in A at 25 °C												
S12V4800PP FT	804	667	465	355	213	154	119	70.1	49.9	31.8	20.6	16.7
S12V5800PP FT	917	762	543	424	258	183	138	80.8	57.1	36.6	24.1	20.0

Sprinter Pure Power 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
1.85 Vpc – Discharge in W/block at 25 °C												
S12V4800PP FT	4532	4027	3191	2642	1776	1338	1071	709	525	350	233	190
S12V5800PP FT	5099	4561	3677	3077	2154	1536	1331	774	556	363	244	203
1.80 Vpc – Discharge in W/block at 25 °C												
S12V4800PP FT	5280	4727	3699	3002	1996	1495	1185	758	556	358	234	192
S12V5800PP FT	5949	5340	4218	3555	2469	1685	1440	805	577	374	250	207
1.75 Vpc – Discharge in W/block at 25 °C												
S12V4800PP FT	5892	5195	3980	3235	2123	1578	1246	773	557	360	235	192
S12V5800PP FT	6798	6007	4597	3819	2574	1755	1479	826	590	381	254	210
1.70 Vpc – Discharge in W/block at 25 °C												
S12V4800PP FT	6595	5762	4381	3511	2238	1631	1267	783	561	363	236	192
S12V5800PP FT	7704	6619	4975	3989	2732	1837	1517	863	616	393	261	214
1.65 Vpc – Discharge in W/block at 25 °C												
S12V4800PP FT	6911	6007	4520	3607	2270	1651	1287	788	564	363	237	192
S12V5800PP FT	8384	7231	5462	4297	2815	1924	1546	908	646	409	270	220
1.60 Vpc – Discharge in W/block at 25 °C												
S12V4800PP FT	7546	6475	4737	3713	2311	1673	1298	793	567	364	238	193
S12V5800PP FT	8837	7620	5732	4456	2837	1974	1560	938	663	419	273	224

Subject to alterations

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