

Sprinter Power

Technical data sheet

Technical features:

- Design life: >10 years at 20 °C (until 80% nominal C₁₀)
- Maintenance-free (no topping up) during the whole service life
- High-compression Absorbent Glass Mat (AGM) technology
- Power (10 minutes) from 791-2210 watt
- Standard or flame-retardant version (UL 94 V-0)
- 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)

Standards & certifications:

- EUROBAT 2015 classification: 10-12 years – 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 certified production plants



Design life
>10 years



Nominal capacity
24.0-122 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
			1.60 Vpc 25 °C	C ₁₀ 1.80 Vpc 25 °C	C ₂₀ 1.75 Vpc 25 °C							
			W/block	Ah	Ah	max. mm	max. mm	max. mm				
P6V1700	NAPW061700HP0MC	6	2210	122	132	273	167	191	25.0	18.0	3416	M-M8
P12V600	NAPW120600HP0MA	12	791	24.0	26.0	169	128	175	9.50	15.4	824	M-M6
P12V875	NAPW120875HP0MC	12	1157	41.0	44.0	200	169	176	14.5	10.6	1178	M-M6

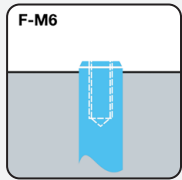
* According to IEC 60896-21/22 | P12V600 and P12V875 with VdS approval

Sprinter Power

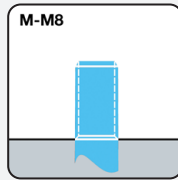
Technical data sheet

Container, 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.



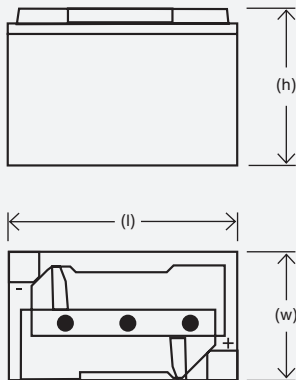
6 Nm



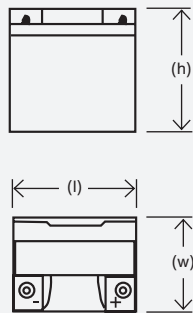
8 Nm

Drawings

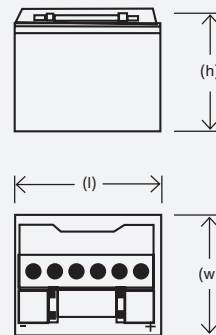
P6V1700



P12V600



P12V875



Not to scale!

Sprinter Power

Constant current discharge

Type	Part number	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
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1.90 Vpc – Discharge in A at 25 °C

P6V1700	NAPW061700HP0MC	286	285	286	267	223	187	162	125	94.0	76.1	41.4	29.2	19.1	12.7	10.9
P12V600	NAPW120600HP0MA	78.0	75.0	70.0	62.0	47.0	37.0	30.0	22.0	17.0	13.4	8.00	5.90	4.00	2.60	2.10
P12V875	NAPW120875HP0MC	96.0	96.0	96.0	85.0	65.0	52.0	44.0	35.0	26.0	21.1	12.8	9.40	6.30	4.30	3.70

1.85 Vpc – Discharge in A at 25 °C

P6V1700	NAPW061700HP0MC	390	385	388	349	279	227	192	145	107	83.4	46.3	32.5	21.3	13.8	11.6
P12V600	NAPW120600HP0MA	98.0	93.0	87.0	76.0	55.0	43.0	35.0	25.0	19.0	15.2	9.20	6.70	4.40	2.80	2.30
P12V875	NAPW120875HP0MC	128	128	128	109	79.0	62.0	52.0	40.0	29.0	24.0	14.4	10.6	7.00	4.70	3.90

1.80 Vpc – Discharge in A at 25 °C

P6V1700	NAPW061700HP0MC	503	489	479	421	319	254	209	155	114	89.4	49.3	34.3	22.8	14.7	12.2
P12V600	NAPW120600HP0MA	112	109	107	87.0	61.0	46.0	38.0	27.0	20.0	16.2	9.70	7.10	4.60	2.90	2.40
P12V875	NAPW120875HP0MC	160	156	153	127	89.0	68.0	56.0	42.0	31.0	25.4	15.4	11.4	7.50	4.90	4.10

1.75 Vpc – Discharge in A at 25 °C

P6V1700	NAPW061700HP0MC	590	573	562	483	353	275	223	163	117	92.4	51.4	35.3	23.5	15.2	12.5
P12V600	NAPW120600HP0MA	123	120	118	95.0	65.0	49.0	40.0	28.0	20.8	17.1	9.90	7.30	4.70	3.00	2.50
P12V875	NAPW120875HP0MC	176	171	168	138	95.0	72.0	59.0	44.0	33.0	26.6	16.2	11.8	7.70	5.10	4.30

1.70 Vpc – Discharge in A at 25 °C

P6V1700	NAPW061700HP0MC	755	692	629	529	377	291	234	168	120	94.5	53.3	36.5	24.2	15.4	12.6
P12V600	NAPW120600HP0MA	154	141	129	103	69.0	52.0	42.0	29.4	21.8	17.6	10.3	7.40	4.80	3.10	2.60
P12V875	NAPW120875HP0MC	220	202	184	148	99.0	75.0	61.0	45.2	34.0	27.6	16.8	12.2	7.90	5.20	4.40

1.65 Vpc – Discharge in A at 25 °C

P6V1700	NAPW061700HP0MC	811	740	676	563	395	299	241	173	123	96.5	54.6	37.8	24.3	15.5	12.6
P12V600	NAPW120600HP0MA	163	149	135	109	71.0	54.0	43.0	30.5	22.3	18.0	10.4	7.50	4.80	3.10	2.60
P12V875	NAPW120875HP0MC	237	217	198	157	104	77.0	63.0	46.2	35.0	28.4	17.5	12.5	8.00	5.30	4.40

1.60 Vpc – Discharge in A at 25 °C

P6V1700	NAPW061700HP0MC	838	760	698	582	406	308	247	177	126	98.5	55.4	38.4	24.4	15.5	12.6
P12V600	NAPW120600HP0MA	171	157	140	113	73.0	55.0	44.0	31.0	22.8	18.3	10.5	7.60	4.80	3.10	2.60
P12V875	NAPW120875HP0MC	250	229	209	164	107	79.0	65.0	47.2	36.0	29.2	17.9	12.6	8.00	5.30	4.40

Sprinter Power

Constant power discharge

Type	Part number	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
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1.90 Vpc – Discharge in W/block at 25 °C

P6V1700	NAPW061700HP0MC	1641	1641	1641	1537	1267	1067	919	711	545	445	246	174	114	76.1	62.9
P12V600	NAPW120600HP0MA	834	834	834	725	539	427	356	271	200	162	97.4	71.1	47.7	31.5	26.4
P12V875	NAPW120875HP0MC	1151	1151	1151	1006	762	608	506	397	304	253	153	112	76.1	50.8	43.6

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

P6V1700	NAPW061700HP0MC	2176	2176	2176	1982	1586	1302	1107	848	632	498	279	193	126	82.2	68.0
P12V600	NAPW120600HP0MA	1033	1033	1033	868	627	491	406	300	221	179	108	79.2	51.8	33.5	28.4
P12V875	NAPW120875HP0MC	1441	1441	1441	1225	906	718	597	462	352	284	170	126	84.2	54.8	46.7

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

P6V1700	NAPW061700HP0MC	2897	2765	2634	2349	1808	1454	1212	906	664	523	290	203	136	88.3	72.6
P12V600	NAPW120600HP0MA	1250	1210	1171	971	689	532	435	320	235	192	113	82.2	54.8	35.5	29.4
P12V875	NAPW120875HP0MC	2000	1820	1688	1418	1013	785	650	492	372	301	183	135	89.3	57.9	48.2

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

P6V1700	NAPW061700HP0MC	3290	3172	3021	2654	1982	1566	1282	950	689	541	300	211	140	89.3	73.6
P12V600	NAPW120600HP0MA	1400	1350	1266	1045	732	565	458	336	246	203	116	85.3	55.8	36.5	29.9
P12V875	NAPW120875HP0MC	2200	2000	1823	1523	1074	827	680	513	386	315	192	140	91.4	58.9	49.2

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

P6V1700	NAPW061700HP0MC	3498	3339	3180	2876	2092	1628	1331	977	699	552	311	218	142	90.3	74.1
P12V600	NAPW120600HP0MA	1600	1460	1348	1101	762	579	469	343	251	205	118	87.3	56.8	37.0	30.5
P12V875	NAPW120875HP0MC	2400	2150	1948	1605	1109	843	694	525	398	327	197	145	93.4	59.9	50.2

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

P6V1700	NAPW061700HP0MC	3873	3697	3521	3008	2160	1662	1358	993	713	560	316	222	143	91.4	74.1
P12V600	NAPW120600HP0MA	1700	1550	1422	1150	781	592	477	346	256	207	120	88.0	57.0	37.0	31.0
P12V875	NAPW120875HP0MC	2590	2300	2068	1677	1133	858	706	533	405	332	202	148	94.4	60.9	50.8

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

P6V1700	NAPW061700HP0MC	3956	3776	3597	3063	2210	1700	1379	1002	720	567	319	224	143	91.4	74.1
P12V600	NAPW120600HP0MA	1800	1620	1477	1186	792	600	480	349	259	208	121	88.0	57.0	37.0	31.0
P12V875	NAPW120875HP0MC	2700	2400	2155	1730	1156	874	718	541	409	337	204	148	94.4	60.9	50.8