

**Sonnenschein: 400, 500, 600 OPzV(WE), 700 (OGiV).
dryfit**



.....	3
.....	4
(30000)	6
1	
Sonnenschein A400	10
Sonnenschein A500	13
Sonnenschein A600 OPzV (WE)	16
Sonnenschein A700 (OGiV)	19
2	
Sonnenschein	20
3	
.....	23

c

Sonnenschein: 400, 500, 600 OPzV(WE), 700 (OGiV)

1.

1.1. Sonnenschein: 400, 500, 600 OPzV(WE), A700
(OGiV) dryfit

2.

2.1.

2.2.

2.3. 95%
100% 10, 5, 3, 1
10, 5, 3, 1 1/2

2.4. 20° - 2

2.5.

3.

3.1. dryfit

2801, «

2800, 8.1., 55°

».
dryfit 55° -

3.2. IATA (67), dryfit

3.3. dryfit
(. . . 8.1., 7.2. »

3.4. ()
dryfit ()

4

4.1.

4.2.

: DIN GOST TŪ V,
« »;

4.3.

5.

5.1. 12, 18

5.2.

« », « ».

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5.3. . . 6, 7

6.

7.

c

Sonnenschein: 400, 500, 600 OPzV(WE), 700 (OGiV)

1.

dryfit,

Sonnenschein

20° , 2 10°

- 20° : 12
 - 30° : 6
 - 2
- 2,07 .
15 35° , 2.4. «
(30000)», 48
3,5 I₁₀,

		(15 35°)*
2,05	0,5 I ₁₀	14
2,06	0,5 I ₁₀	13
2,07	0,5 I ₁₀	12

* 15°
20 .

2.

Sonnenschein

«
(EN50272 2)».

2.1.

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M5	6	8	8	10	A
5±1	6±1	8±1	20±1	20±1	8±1

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Sonnenschein

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2.3.

2.2. «

(30000+)

Sonnenschein: 400, 500, 600 OPzV(WE), 700 (OGiV)

- $U_n:$ 2,0 V x
- $C_n = C_{10}:$ 10
- $I_n = I_{10}:$ n/10
- $U_s:$. . 8
- $t_n:$ 20°



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2.2. (.)

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DIN VDE 0510 1 () EN 50 272 2 (2).

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2.1.

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(IU). DIN41773

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2 (400, 600, 700).*

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2,272,3 2

400, 600, 700 2,30 2,35 2 500.

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2,35

2

2,35 2

1,5 100

) (/).

2.3.

2.3.

	400	500	600	700
±1%	2,27	2,30	2,25	2,25
±2%	2,28	2,33	2,27	2,27

2.4.

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2,4

2 48

35 100

+45°

2.5.

2,4 2

2.2., 10 100

5 100

2.6.

10 35 100

2.7.

30° +50°

+20° ±5.

+20°

+55°

+45°

* 500- 2,35 2,45 2

2.8.

+15° +25°

0,005

	10°	0°	10°	20°	30°	40°
400	2,37	2,37	2,30	2,27	2,27	2,25
500 ()	2,40	2,40	2,33	2,30	2,30	2,27
500()	2,50	2,50	2,40	2,40	2,40	2,33
600	2,35	2,35	2,28	2,25	2,25	2,23
700	2,35	2,35	2,28	2,25	2,25	2,23

2.9.

3.

3.1.

3.2.

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+0,2 0,1

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3.3.

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2. 896,

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1) 2.4. +20°
 2) 2.3. 2.2 .3.1.
 (2)

7.

8.

8.1. 400 (t_n) (U_s)

t _n	10	30	1	3	5	10	
	^{1/6} (A)	^{1/2} (A)	¹ (A)	³ (A)	⁵ (A)	^{10/C_n} (A)	
406/165	60	84	104	138	148	165	
412/5,5	1,8	2,7	3,3	4,5	4,8	5,5	
412/8,5	2,6	3,8	4,7	6,6	7,0	8,5	
412/12,0	3,8	5,1	7,1	9,0	10,0	12	
412/20,0	7	9	12	15	17	20	
412/32,0	11	15	19	22	25	32	
412/50,0	19	26	32	42	44	50	
412/65,0	19	29	43	54	59	65	
412/85,0	27	41	50	66	73	85	
412/90,0	27	41	48	61	67	90	
412/100,0	35	49	58	76	83	100	
412/120,0	44	60	77	97	108	120	
412/180,0	63	86	105	145	156	180	
U _s (6)	4,8	5,1	5,22	5,34	5,37	5,25	
U _s (12)	9,6	10,2	10,44	10,68	10,74	10,5	
19"	412/26,0	9	13	15	21	23	26
	412/37,0	6	17	20	28	31	37
	412/48,0	17	24	29	39	42	48

t _n	10	30	1	3	10	20
	^{1/6} (A)	^{1/2} (A)	¹ (A)	³ (A)	¹⁰ (A)	²⁰ (A)
412/85FT	27	39,5	49,4	67,5	86	92,4
412/120FT	35	50,8	65,3	87,3	112	117

8.2. 500 (t_n) (U_s)

t _n	10	30	1	3	5	10	20
	^{1/6} (A)	^{1/2} (A)	¹ (A)	³ (A)	⁵ (A)	¹⁰ (A)	^{20/C_n} (A)
502/10,0	4,8	6,9	7,7	8,7	9,8	9,9	10,0
A504/3,5	1,4	1,2	2,5	3,3	3,3	3,4	3,5
A506/1,2	0,5	0,6	0,7	1,0	1,0	1,0	1,2
A506/3,5	1,4	1,2	2,5	3,2	3,3	3,4	3,5
A506/4,2	1,1	1,9	2,7	4,1	4,1	4,1	4,2
A506/6,5	2,6	3,8	4,3	5,2	5,8	6,3	6,5
A506/10,0	4,8	6,9	7,7	8,7	9,8	9,9	10,0
A508/3,5	1,4	1,2	2,5	3,2	3,3	3,4	3,5
A512/1,2	0,5	0,6	0,7	1,0	1,0	1,0	1,2
A512/2,0	0,8	0,9	1,7	1,9	1,9	1,9	2,0
A512/3,5	1,4	1,2	2,5	3,2	3,3	3,4	3,5
A512/6,5	2,6	3,8	4,3	5,2	5,8	6,3	6,5
A512/10,0	4,8	6,9	7,7	8,7	9,8	9,9	10,0
A512/16,0	7,0	9,7	11,6	14,2	15,1	15,8	16,0
A512/24,0	7,8	12,4	15,7	19,2	21,0	23,3	24,0
A512/25,0	7,8	12,4	15,7	19,2	21,0	23,3	25,0
A512/30,0	11,4	17,7	21,9	25,2	27,0	29,0	30,0
A512/40,0	14,1	21,3	26,2	30,6	33,5	36,0	40,0
A512/55,0	19,3	29,9	38,9	46,2	50,6	52,0	55,0
A512/60,0	22,2	34,2	40,5	50,1	54,0	58,0	60,0
A512/65,0	22,5	29,8	42,8	52,8	59,5	63,0	65,0
A512/85,0	33,1	51,4	64,5	75,3	82,0	83,5	85,0
A512/115,0	37,8	57,5	73,0	85,8	88,5	104,0	115,0
U _s /	1,6	1,7	1,74	1,78	1,79	1,80	1,75

8.3. 600, 600 WE*

(t_n) (U_s)

t_n	1	3	5	10
	¹ (A)	³ (A)	⁵ (A)	¹⁰ (A)
50Ah	26,5	37,5	43,0	50,0
70Ah	37,0	52,5	60,0	70,0
100Ah	52,0	75,0	86,0	100,0
125Ah	62,0	93,0	105,0	125,0
U _s ()	1,67	1,75	1,77	1,80

8.4. 700 (OGiV)

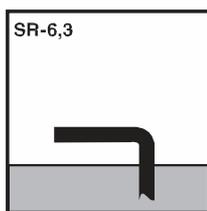
(t_n) (U_s)

t_n	10	30	1	3	5	10
	^{1/6} (A)	^{1/2} (A)	¹ (A)	³ (A)	⁵ (A)	¹⁰ /C _n (A)
706/21	7,1	10,3	12,2	16,5	19,0	21,0
706/42	14,2	20,5	24,4	33,0	38,0	42,0
706/63	21,3	30,8	36,6	49,5	57,0	63,0
706/84	28,3	41,0	48,8	66,0	76,5	84,0
706/105	35,4	51,3	61,0	82,8	95,5	105,0
706/126	42,5	61,5	73,2	99,3	114,5	126,0
706/140	42,3	69,5	85,3	117,0	131,0	140,0
706/175	52,9	86,9	106,6	146,4	163,5	175,0
706/210	63,5	104,3	128,0	175,5	196,0	210,0
704/245	74,1	121,7	149,3	204,9	229,0	245,0
704/280	84,6	139,0	170,6	234,0	261,5	280,0
702/400	119,7	202,5	244,0	331,8	350,5	400,0
702/500	143,0	255,0	304,0	405,6	432,0	500,0
702/600	156,2	281,5	344,0	453,9	492,5	600,0
702/700	172,0	348,0	441,0	588,3	641,5	700,0
702/980	245,3	482,0	615,0	832,2	909,5	980,0
702/1190	274,0	536,5	692,0	933,0	1025,0	1190,0
702/1470	315,8	687,5	838,0	1160,4	1216,0	1470,0
U _s ()	1,6	1,6	1,65	1,7	1,7	1,8
U _s (4)	3,2	3,2	3,3	3,4	3,4	3,6
U _s (6)	4,8	4,8	4,95	5,1	5,1	5,4

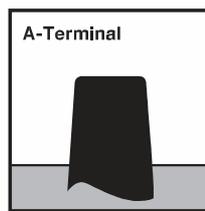
1. Sonnenschein 400.

		I_{10} 1,8 / ,20°	I_{10}	*						896 2,	896 2,	
A406/165 A	6	165,0	16,50	770	190	244,0	254,0	275,0	31,0	2,1	2800	A
A406/165 F10	6	165,0	16,50	770	190	244,0	254,0	282,0***	31,5	2,1	2800	F M10
A412/5,5 SR	12	5,5	0,55	80	152	65,5	94,5	98,4	2,5	138,0	93	SR 6,3
A412/8,5 SR	12	8,5	0,85	80	152	98,0	94,5	98,4	3,6	86,0	150	SR 6,3
A412/12 SR	12	12,0	1,20	100	181	76,0	152,0	156,4	5,5	47,0	260	SR 6,3
A412/20 G5	12	20,0	2,00	200	167	176,0	126,0	126,0	8,5	25,0	460	GM5
A412/32 G6	12	32,0	3,20	400	210	175,0	175,0	175,0	13,6	15,0	784	GM6
A412/32 F10	12	32,0	3,20	400	210	175,0	175,0	181,0***	14,1	15,0	784	F M10
A412/50 A	12	50,0	5,00	440	278	175,0	190,0	190,0	19,5	10,0	1220	A
A412/50 F10	12	50,0	5,00	440	278	175,0	190,0	196,0***	20,0	10,0	1220	F M10
A412/50 G6	12	50,0	5,00	440	278	175,0	190,0	190,0	19,5	10,0	1220	GM6
A412/65 F10	12	65,0	6,50	440	353	175,0	190,0	196,0***	25,1	9,0	1414	F M10
A412/65 G6	12	65,0	6,50	440	353	175,0	190,0	190,0	24,6	9,0	1414	GM6
A412/85 F10**	12	85,0	8,50	770	204	244,0	250,0	276,0***	32,0	8,0	1472	F M10
A412/90 A	12	90,0	9,00	770	286	269,0	208,0	230,0	34,5	7,0	1733	A
A412/90 F10	12	90,0	9,00	770	286	269,0	208,0	237,0***	35,0	7,0	1733	F M10
A412/100 A	12	100,0	10,00	770	513	189,0	195,0	223,0	39,0	6,9	1777	A
A412/100 F10	12	100,0	10,00	770	513	189,0	195,0	223,0***	39,5	6,9	1777	F M10
A412/120 A	12	120,0	12,00	770	513	223,0	195,0	223,0	48,0	5,7	2118	A
A412/120 F10	12	120,0	12,00	770	513	223,0	195,0	223,0***	49,5	5,7	2118	F M10
A412/180 A	12	180,0	18,00	770	518	274,0	216,0	242,0	69,5	3,8	3227	A
A412/180 F10	12	180,0	18,00	770	518	274,0	216,0	244,0***	70,0	3,8	3227	F M10
19" A412/26	12	26,0	2,60	200	280	108,0	195,0	195,0	11,5	20,8	598	6
19" A412/37	12	37,0	3,70	400	280	108,0	237,0	237,0	15,5	13,4	922	6
19" A412/48	12	48,0	4,80	400	280	108,0	282,0	282,0	19,0	12,5	991	6
23" A412/85FT	12	92,0****	4,60*****	770	548	115,0	230,0	230,0	33,5	8,0	1532	8
23" A412/120FT	12	116,0****	5,80*****	770	548	115,0	275,0	275,0	41,5	7,2	1725	8

* ** / - 24 ***** I_{20}
 ** ***** 20

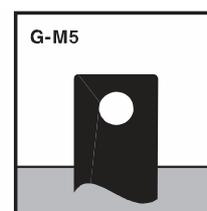


SR-6,3



A-Terminal

8 Nm

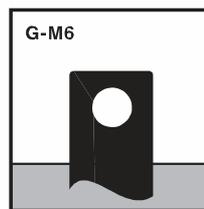


G-M5

5 Nm

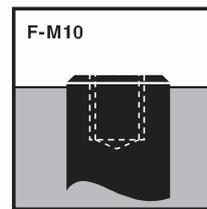
5,5 – 12 Ah =
 20 – 180 Ah = PP –

(ABS);
 (PP).



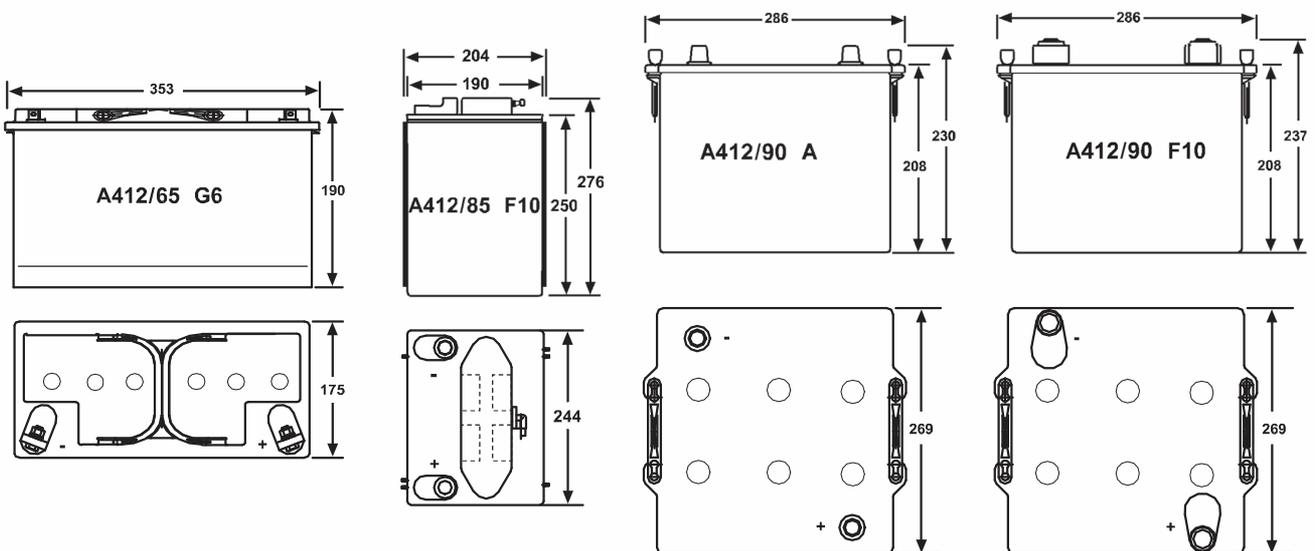
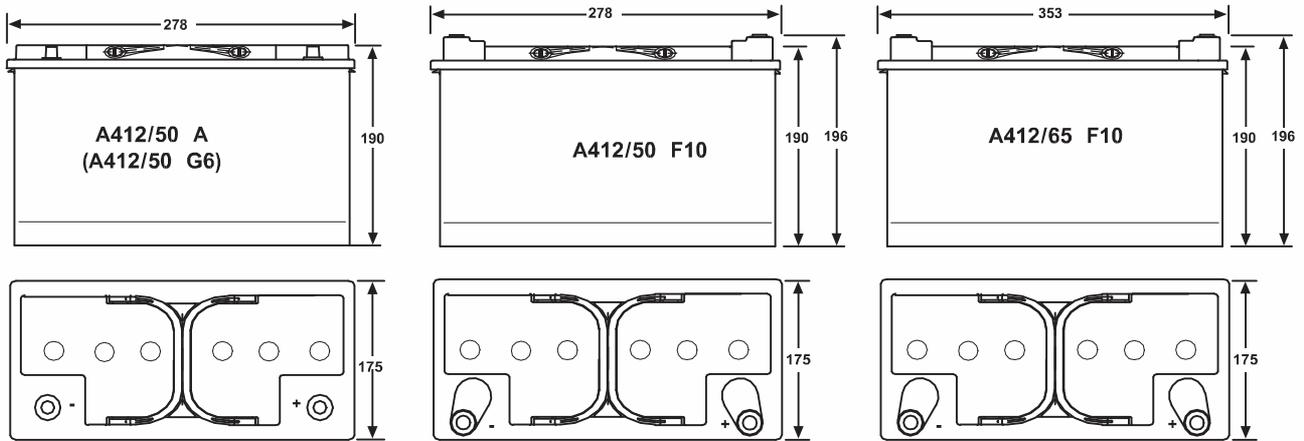
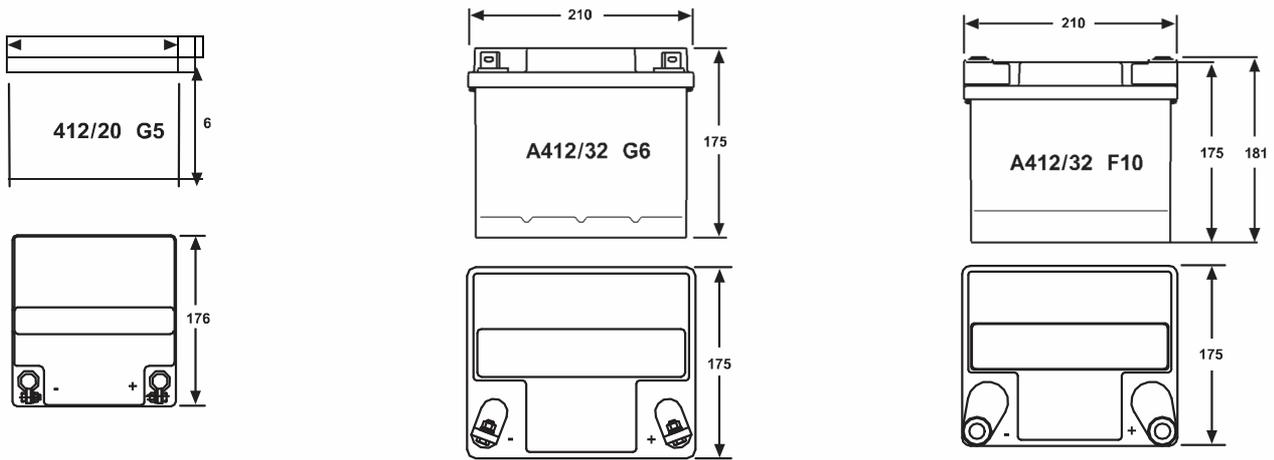
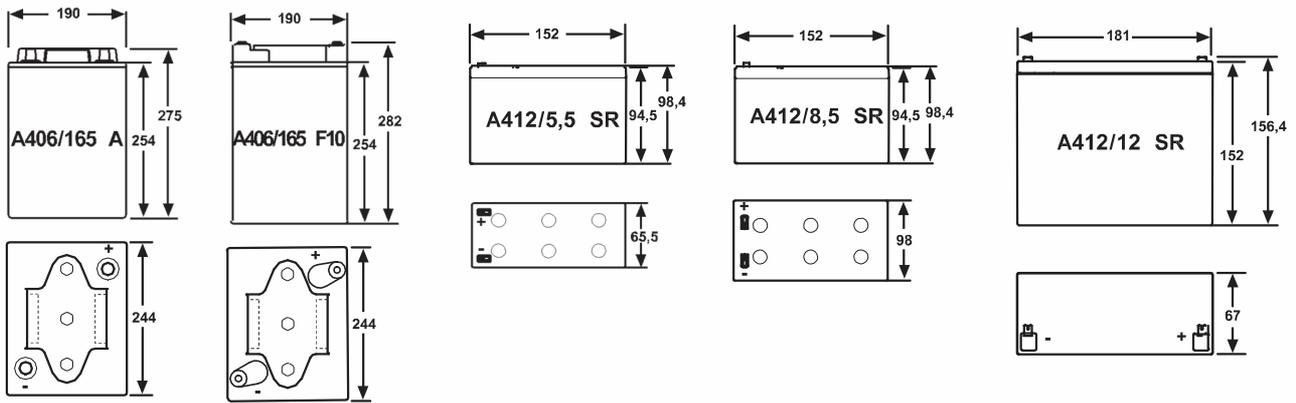
G-M6

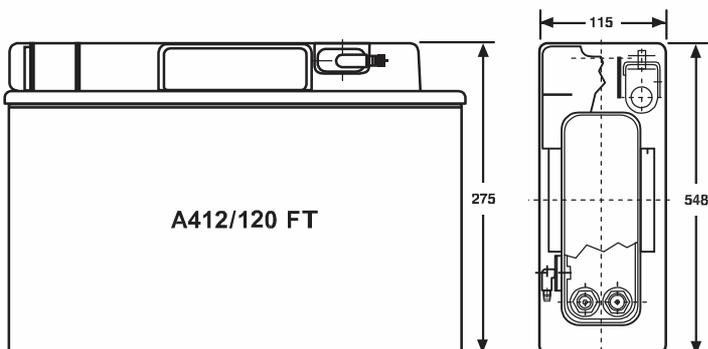
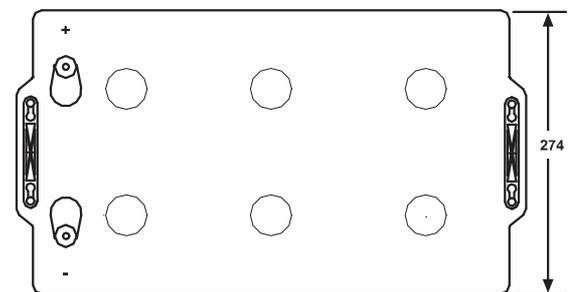
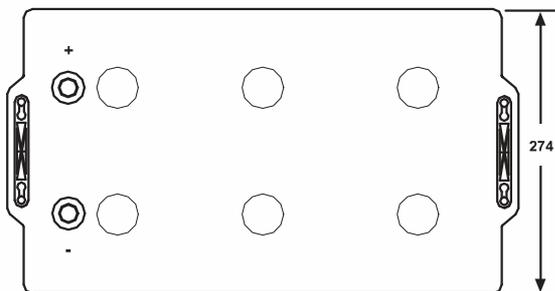
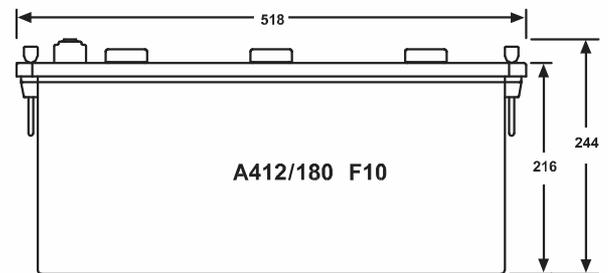
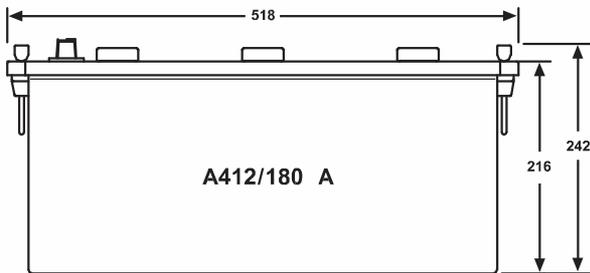
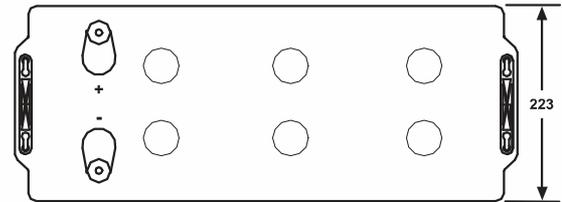
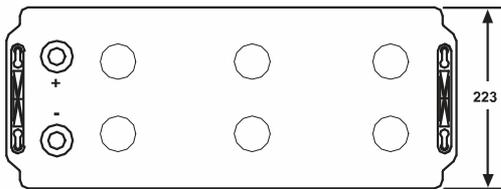
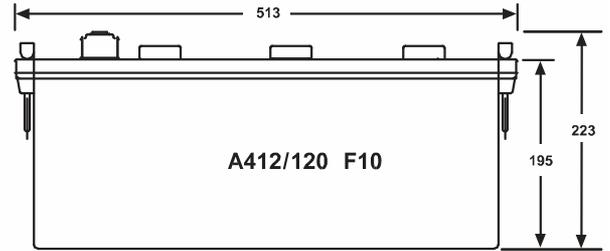
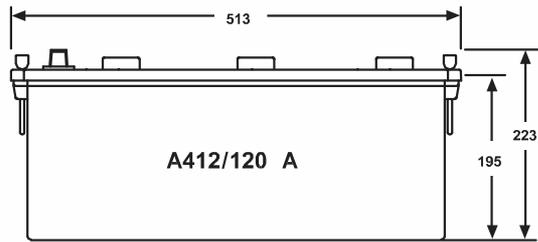
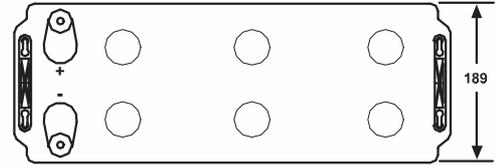
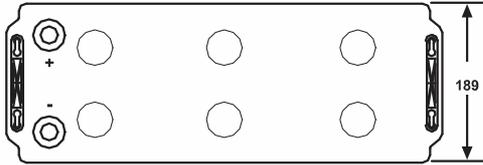
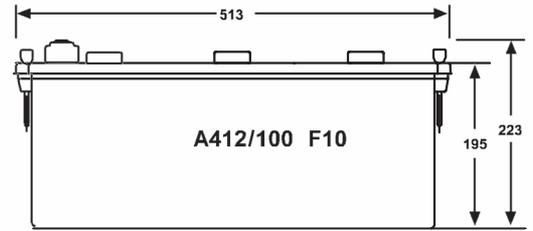
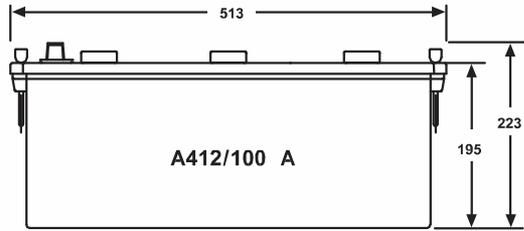
6 Nm



F-M10

17 Nm



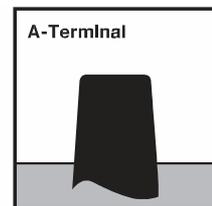
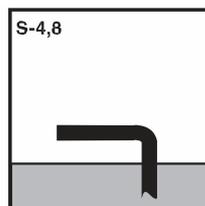


2. Sonnenschein 500.

		$1,75^{20} / ,20^{\circ}$	I_{20}	*						896 2,	896 2,	
A502/10 S	2	10,0	0,500	80	52,9	50,5	94,5	98,4	0,70	11,2	189	S 4,8
A504/3,5 S	4	3,5	0,175	60	90,5	34,5	60,5	64,4	0,50	48,0	88	S 4,8
A506/1,2 S	6	1,2	0,060	30	97,3	25,5	51,0	54,9	0,33	165,0	38	S 4,8
A506/3,5 S	6	3,5	0,175	60	134,5	34,5	60,5	64,4	0,75	71,0	88	S 4,8
A506/4,2 S	6	4,2	0,210	60	52,0	62,3	98,0	101,9	0,90	63,8	98	S 4,8
A506/6,5 S	6	6,5	0,325	80	151,5	34,5	94,5	98,4	1,33	48,0	131	S 4,8
A506/10 S	6	10,0	0,500	80	151,7	50,5	94,5	98,4	2,05	34,0	189	S 4,8
A508/3,5 S	8	3,5	0,175	60	178,5	34,1	60,5	64,4	1,00	95,0	88	S 4,8
A512/1,2 S	12	1,2	0,060	30	97,5	49,5	51,0	54,9	0,66	330,0	38	S 4,8
A512/2 S	12	2,0	0,050	40	178,5	34,1	60,5	64,4	1,00	172,0	73	S 4,8
A512/3,5 S	12	3,5	0,175	60	134,5	66,8	60,5	64,4	1,50	142,0	88	S 4,8
A512/6,5 S	12	6,5	0,325	80	151,7	65,5	94,5	98,4	2,60	95,0	131	S 4,8
A512/10 S	12	10,0	0,500	80	152,0	98,0	94,5	98,4	4,00	66,0	189	S 4,8
A512/16 G5	12	16,0	0,800	200	181,0	76,0	167,0	167,0	6,00	24,2	512	GM5
A512/25 G5	12	25,0	1,250	200	167,0	176,0	126,0	126,0	9,65	21,3	583	GM5
A512/30 G6	12	30,0	1,500	400	197,0	132,0	161,0	180,0	11,10	13,1	932	GM6
A512/40 A	12	40,0	2,000	400	210,0	175,0	175,0	175,0	14,60	11,6	1069	
A512/40 G6	12	40,0	2,000	400	210,0	175,0	175,0	175,0	14,60	11,6	1069	GM6
A512/55 A	12	55,0	2,750	400	261,0	136,0	208,0	230,0	18,80	8,9	1403	
A512/60 A	12	60,0	3,000	400	278,0	175,0	190,0	190,0	21,70	6,6	1887	
A512/60 G6	12	60,0	3,000	400	278,0	175,0	190,0	190,0	21,70	6,6	1887	GM6
A512/65 A	12	65,0	3,250	400	353,0	175,0	190,0	190,0	24,40	8,5	1471	
A512/65 G6	12	65,0	3,250	400	353,0	175,0	190,0	190,0	24,40	8,5	1471	GM6
A512/85 A	12	85,0	4,250	600	330,0	171,0	213,0	236,0	31,00	6,2	2018	
A512/115 A	12	115,0	5,750	770	286,0	269,0	208,0	230,0	40,00	4,6	2660	
A512/120 A	12	120,0	6,000	770	513,0	189,0	195,0	223,0	41,00	5,2	2475	
A512/140 A	12	140,0	7,000	770	513,0	223,0	195,0	223,0	48,00	4,1	3132	
A512/200 A	12	200,0	10,000	770	518,0	274,0	216,0	242,0	70,00	3,5	3606	

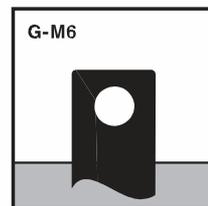
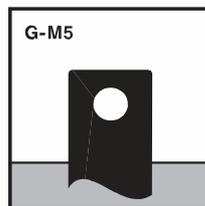
*

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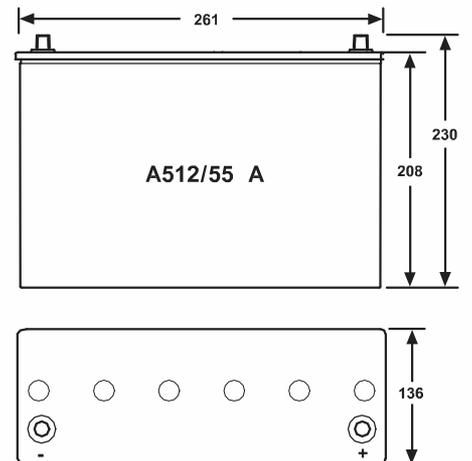
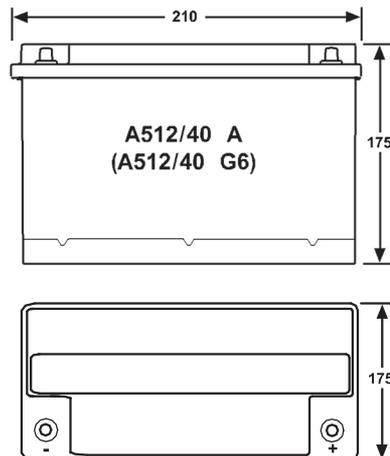
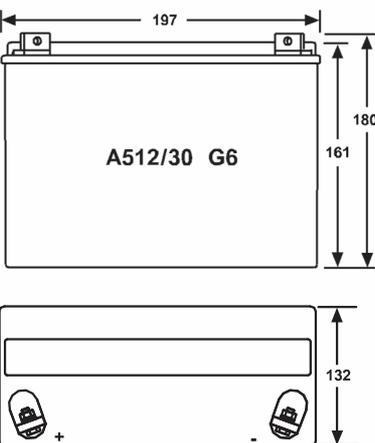
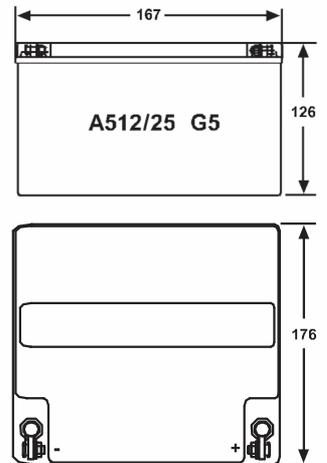
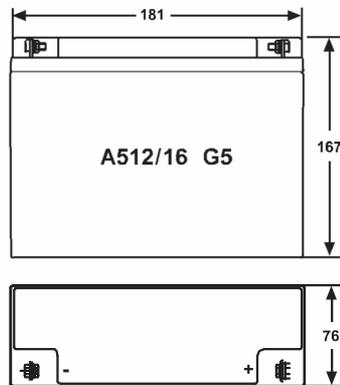
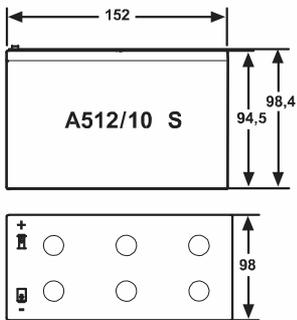
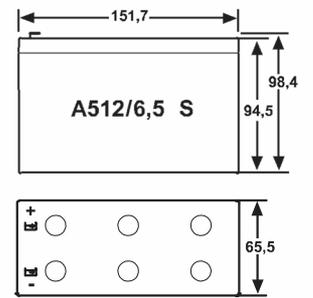
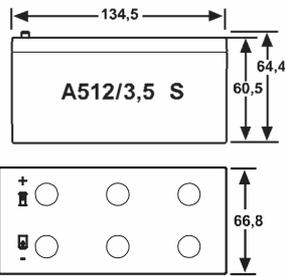
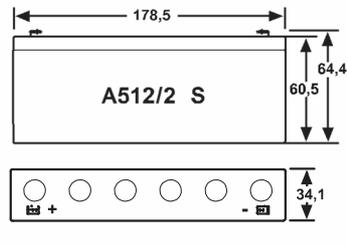
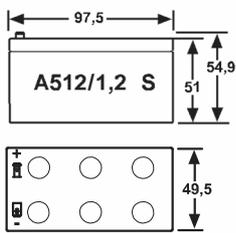
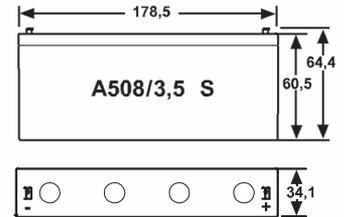
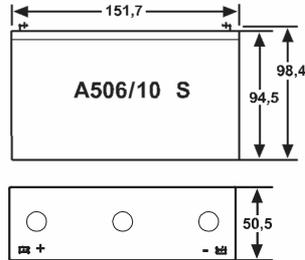
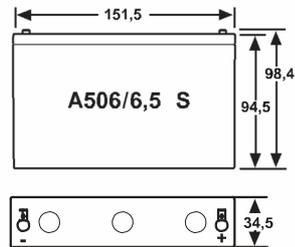
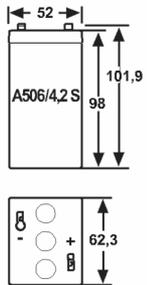
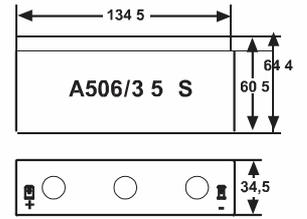
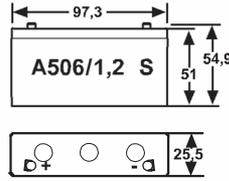
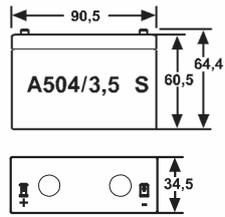
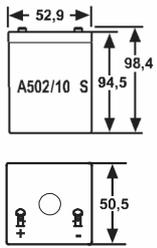
8 Nm

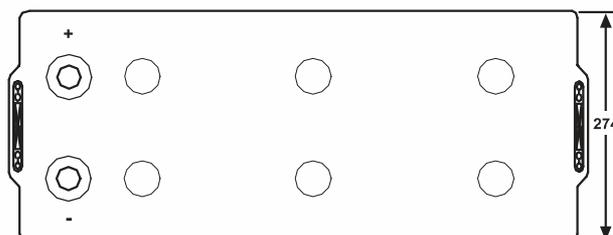
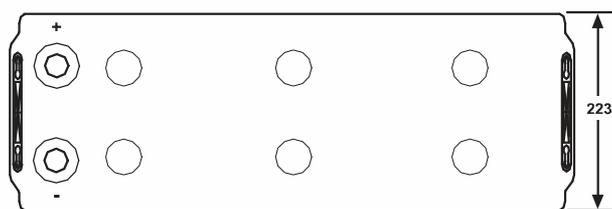
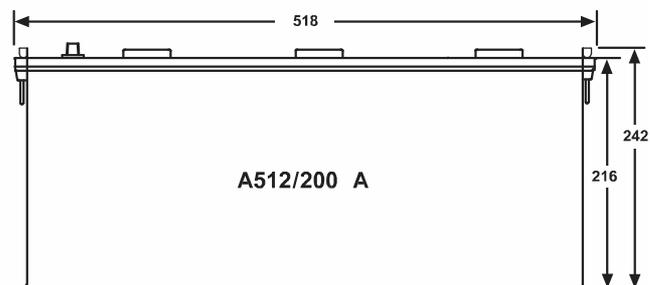
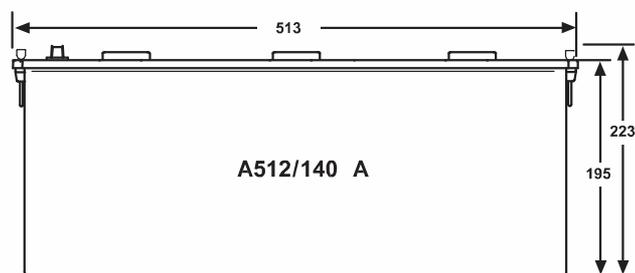
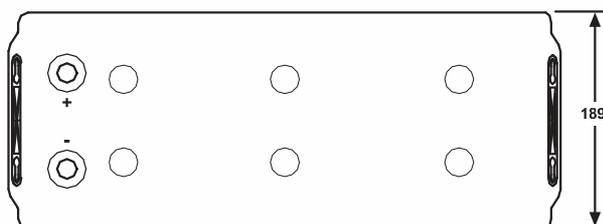
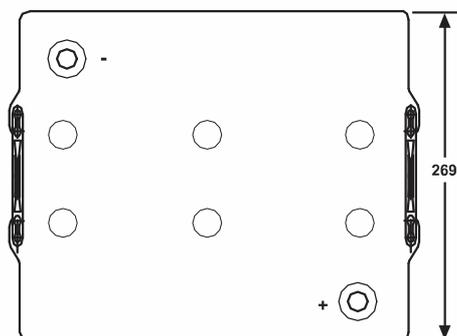
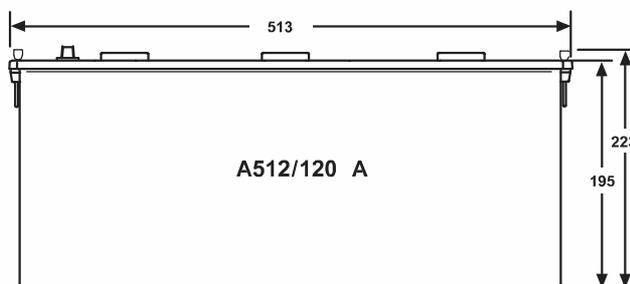
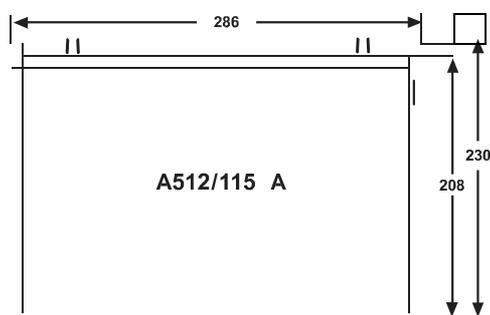
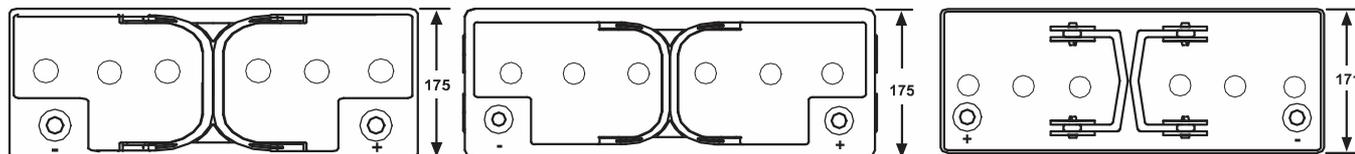
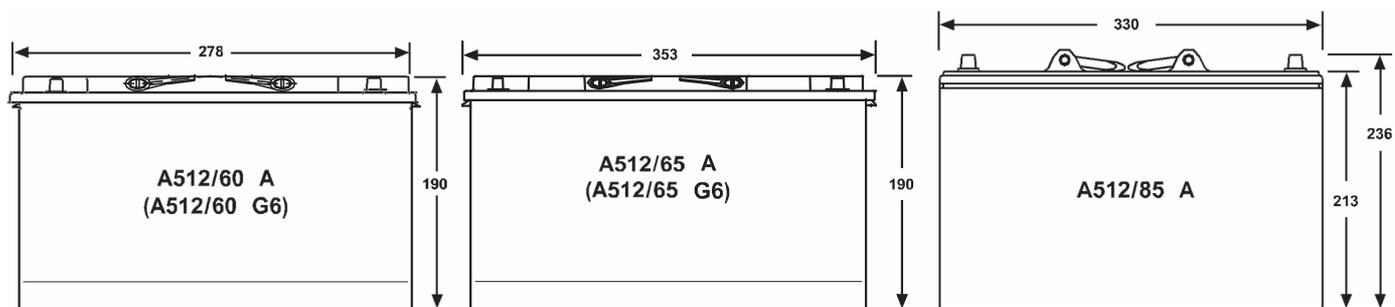
1,2 – 16 = :
25 – 200 A = (PP). (ABS);



5 Nm

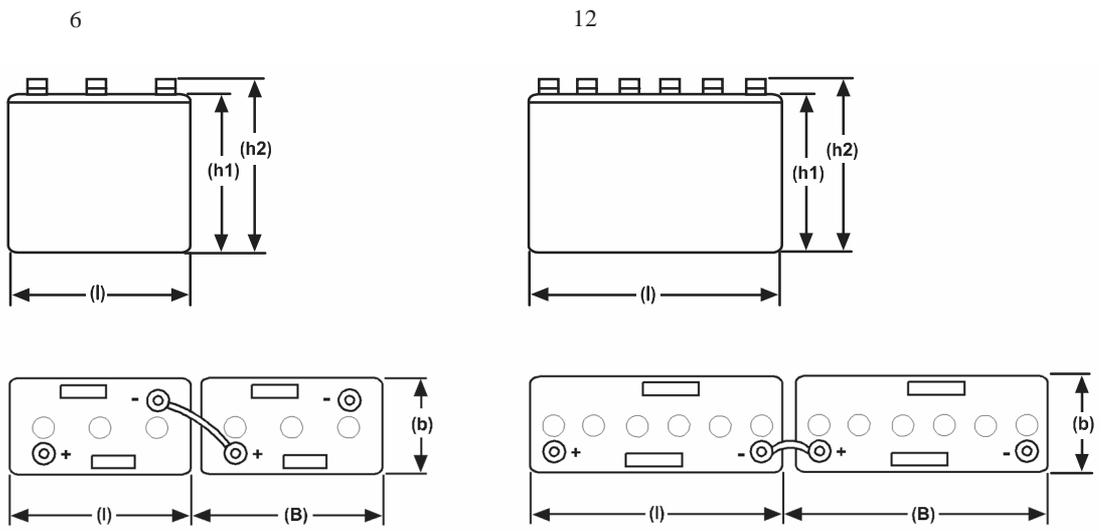
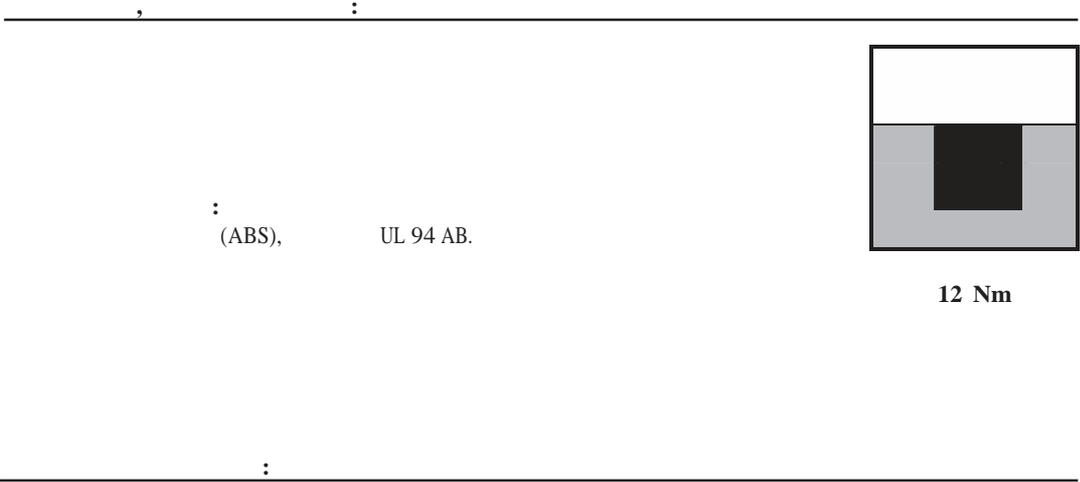
6 Nm





3.1.Sonnenschein A600

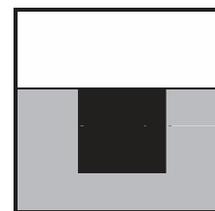
DIN 40744		C_{10} 1,8 / °,20°C,	I_{10}	(D),	(b),	(h ₁),	(h ₂),	(B),			896 2,	896 2,	
12V 2 OPzV 100	12	91	9,1	273	204	319	350	281	1	43	8,28	1400	FM8
12V 3 OPzV 150	12	137	13,7	381	204	319	350	389	1	63	5,88	2000	FM8
6V 4 OPzV 200	6	182	18,2	273	204	319	350	281	1	43	2,31	2550	FM8
6V 6 OPzV 300	6	274	27,4	381	204	319	350	389	1	62	1,80	3300	FM8



3.2. Sonnenschein A600

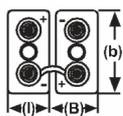
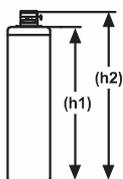
DIN 40742		C_{10} 1,8 / $\pm 20^\circ\text{C}$,	I_{10}	(D)	(b)	(h ₁)	(h ₂)	(B)			896 2,	896 2,	
4 OPzV 200	2	200	20	105	208	360	398	113	1	20	0,94	2235	FM8
5 OPzV 250	2	250	25	126	208	360	398	134	1	23	0,78	2706	FM8
6 OPzV 300	2	300	30	147	208	360	398	155	1	27	0,60	3414	FM8
5 OPzV 350	2	350	35	126	208	475	513	134	1	30	0,61	3418	FM8
6 OPzV 420	2	420	42	147	208	475	513	155	1	35	0,49	4220	FM8
7 OPzV 490	2	490	49	168	208	475	513	176	1	40	0,51	4096	FM8
6 OPzV 600	2	600	60	147	208	650	688	155	1	48	0,44	4743	FM8
8 OPzV 800	2	800	80	212	193	650	688	220	2	67	0,30	6818	FM8
10 OPzV 1000	2	1000	100	212	235	650	688	220	2	80	0,25	8200	FM8
12 OPzV 1200	2	1200	120	212	277	650	688	220	2	94	0,21	9840	FM8
12 OPzV 1500	2	1500	150	212	277	800	838	220	2	118	0,19	10500	FM8
16 OPzV 2000	2	2000	200	215	400	775	815	223	3	160	0,15	14000	FM8
20 OPzV 2500	2	2500	250	215	490	775	815	223	4	200	0,12	17500	FM8
24 OPzV 3000	2	3000	300	215	580	775	815	223	4	240	0,10	21000	FM8

(SAN), UL 94 HB.

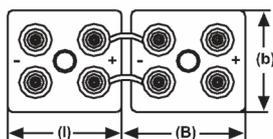
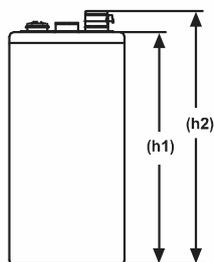


20 Nm

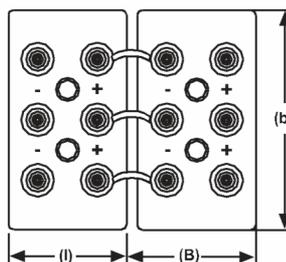
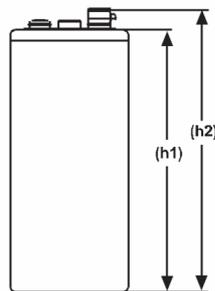
4 OPzV 200
6 OPzV 600



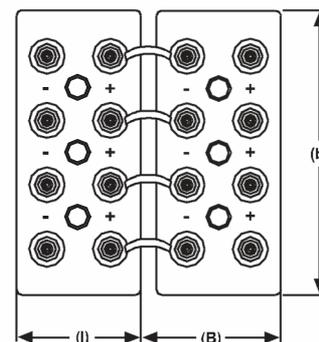
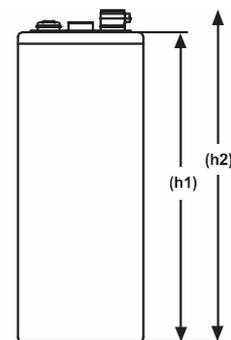
8 OPzV 800
12 OPzV 1500



16 OPzV 2000

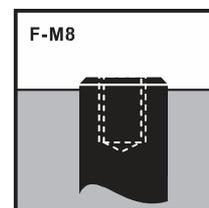


20 OPzV 2500
24 OPzV 3000

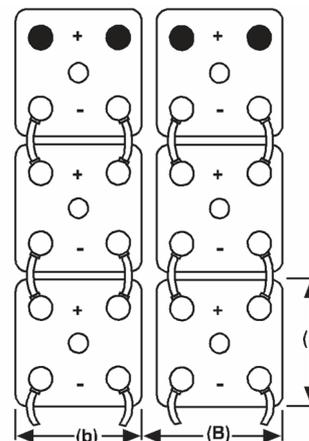
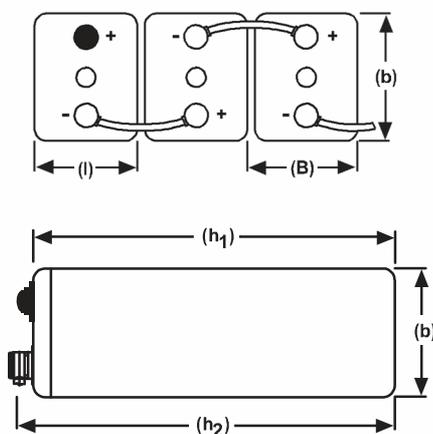


DIN 40742		C_{10} 1,8 / ..,20°C,	I_{10}	(D),	(b),	(h ₁),	(h ₂),	(B),			896 2,	896 2,	
4 OPzV 200 WE	2	200	20	105	208	360	398	113	1	20	0,94	2235	FM8
5 OPzV 250 WE	2	250	25	126	208	360	398	134	1	23	0,78	2706	FM8
6 OPzV 300 WE	2	300	30	147	208	360	398	155	1	27	0,60	3414	FM8
5 OPzV 350 WE	2	350	35	126	208	475	513	134	1	30	0,61	3418	FM8
6 OPzV 420 WE	2	420	42	147	208	475	513	155	1	35	0,49	4220	FM8
7 OPzV 490 WE	2	490	49	168	208	475	513	176	1	40	0,51	4096	FM8
6 OPzV 600 WE	2	600	60	147	208	650	688	155	1	48	0,44	4743	FM8
8 OPzV 800 WE	2	800	80	212	193	650	688	220	2	67	0,30	6818	FM8
10 OPzV 1000 WE	2	1000	100	212	235	650	688	220	2	80	0,25	8200	FM8
12 OPzV 1200 WE	2	1200	120	212	277	650	688	220	2	94	0,21	9840	FM8
12 OPzV 1500 WE	2	1500	150	212	277	800	838	220	2	118	0,19	10500	FM8

(SAN), UL 94 HB.



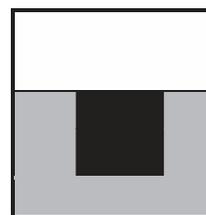
20 Nm



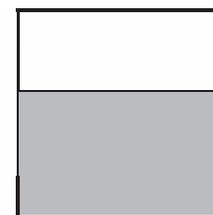
4. Sonnenschein 700 (OGiV).

	DIN 40741 TI		$C_{10} 1,8 / 20^{\circ}\text{C}$	(D)	(b)	(h ₁)	(h ₂)	(B)		896 2 ₁	896 2 ₂	
A706/21	6V 1 OGiV 18	6	21	115	178	241	268	125	8,5	16,30	376	F M5
A706/42	6V 2 OGiV 36	6	42	115	178	241	268	125	10,8	8,50	731	F M5
A706/63	6V 3 OGiV 54	6	63	198	178	241	272	208	17,0	5,80	1058	F M8
A706/84	6V 4 OGiV 72	6	84	198	178	241	272	208	19,5	4,30	1409	F M8
A706/105	6V 5 OGiV 90	6	105	282	178	241	272	292	25,3	3,60	1726	F M8
A706/126	6V 6 OGiV 108	6	126	282	178	241	272	292	27,3	2,90	2092	F M8
A706/140	6V 4 OGiV 128	6	140	285	232	296	327	295	39,5	3,00	2083	F M8
A706/175	6V 5 OGiV 160	6	175	285	232	296	327	295	42,5	2,60	2383	F M8
A706/210	6V 6 OGiV 192	6	210	285	232	296	327	295	46,0	2,20	2876	F M8
A704/245	4V 7 OGiV 224	4	245	250	232	296	327	260	37,4	1,70	3181	F M8
A704/280	4V 8 OGiV 256	4	280	250	232	296	327	260	39,0	1,17	3490	F M8
A702/400		2	400	126	208	475	513	135	30,0	0,43	4993	F M8
A702/500		2	500	147	208	475	513	155	35,5	0,34	6607	F M8
A702/600		2	600	168	208	475	513	175	41,5	0,29	7152	F M8
A702/700		2	700	147	208	650	688	155	49,0	0,32	6427	F M8
A702/980		2	980	215	193	650	688	220	67,0	0,22	9455	F M8
A702/1190		2	1190	215	235	650	688	220	81,5	0,20	10445	F M8
A702/1470		2	1470	215	277	650	688	220	96,0	0,17	11825	F M8

(), UL 94 HB.

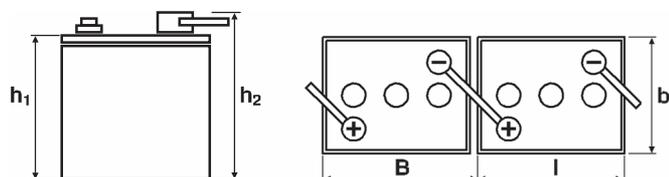


20 Nm

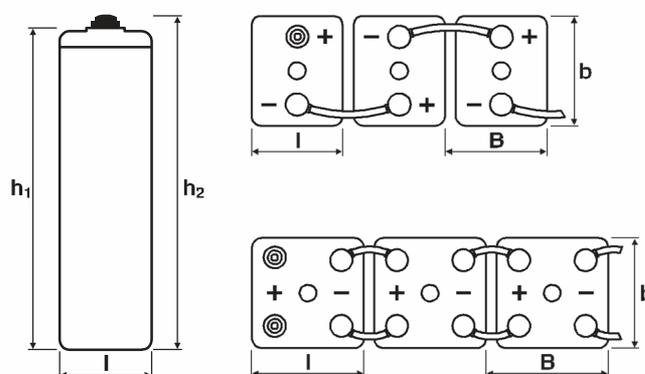


6 Nm

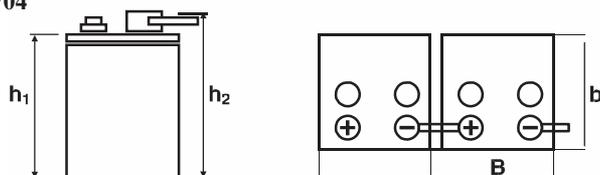
706



702



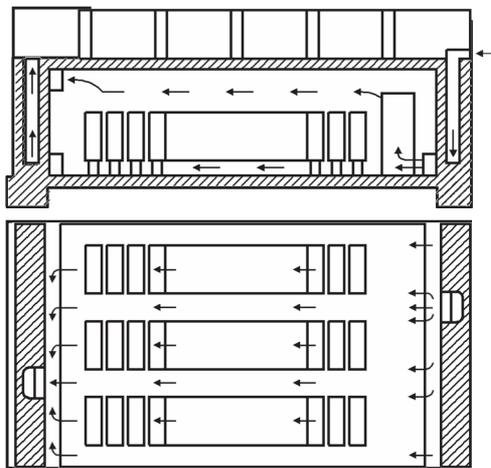
704



a) $E_c \quad V_f > 2,5 \quad Q$

) $V_f < 2,5 \quad Q$

.4.



.4

2.5.

0,5

00°

2.6.

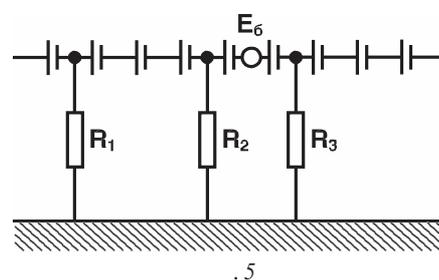
0,05₁₀

2.7.

	100
10°	30
20°	80
30°	200
40°	480

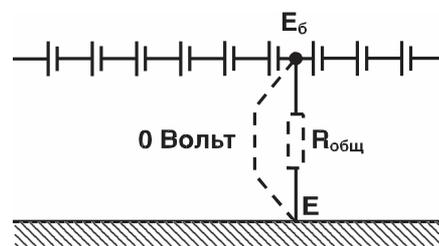
3.

3.1.



R

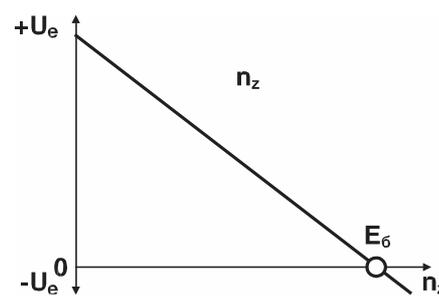
(.5).



.5

U_e

(.5).



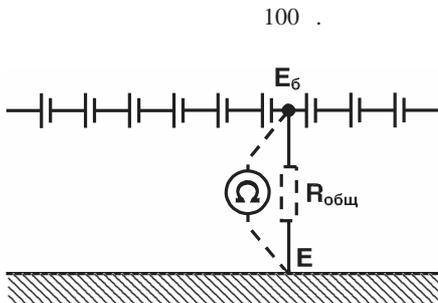
.5

3.2.

()

3.3.

3.3.1. (.5)



.5

3.3.2.

(.5)

I_1

U

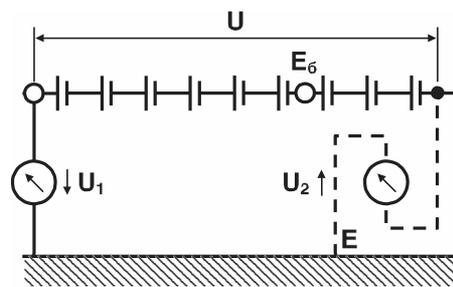
I_1 I_2

$$R = \left(\frac{U}{I_1 + I_2} - 1 \right) R$$

$$R = \frac{U}{I_1 + I_2}$$

$$\frac{U}{I_1 + I_2} < 1,1$$

$$\frac{U}{I_1 + I_2} > 20$$



.5

3.3.3.

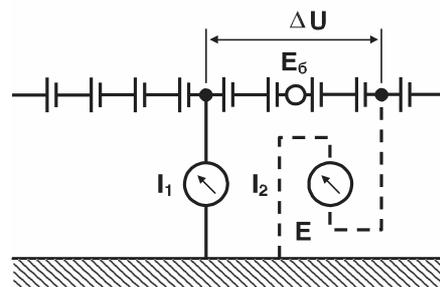
(.5)

ΔU

I_1 I_2

$$R = \frac{\Delta U}{I_1 + I_2} - R$$

R - ().



.5

3.4.

(1 , 1 0)

().

100

50

1000



« »

1