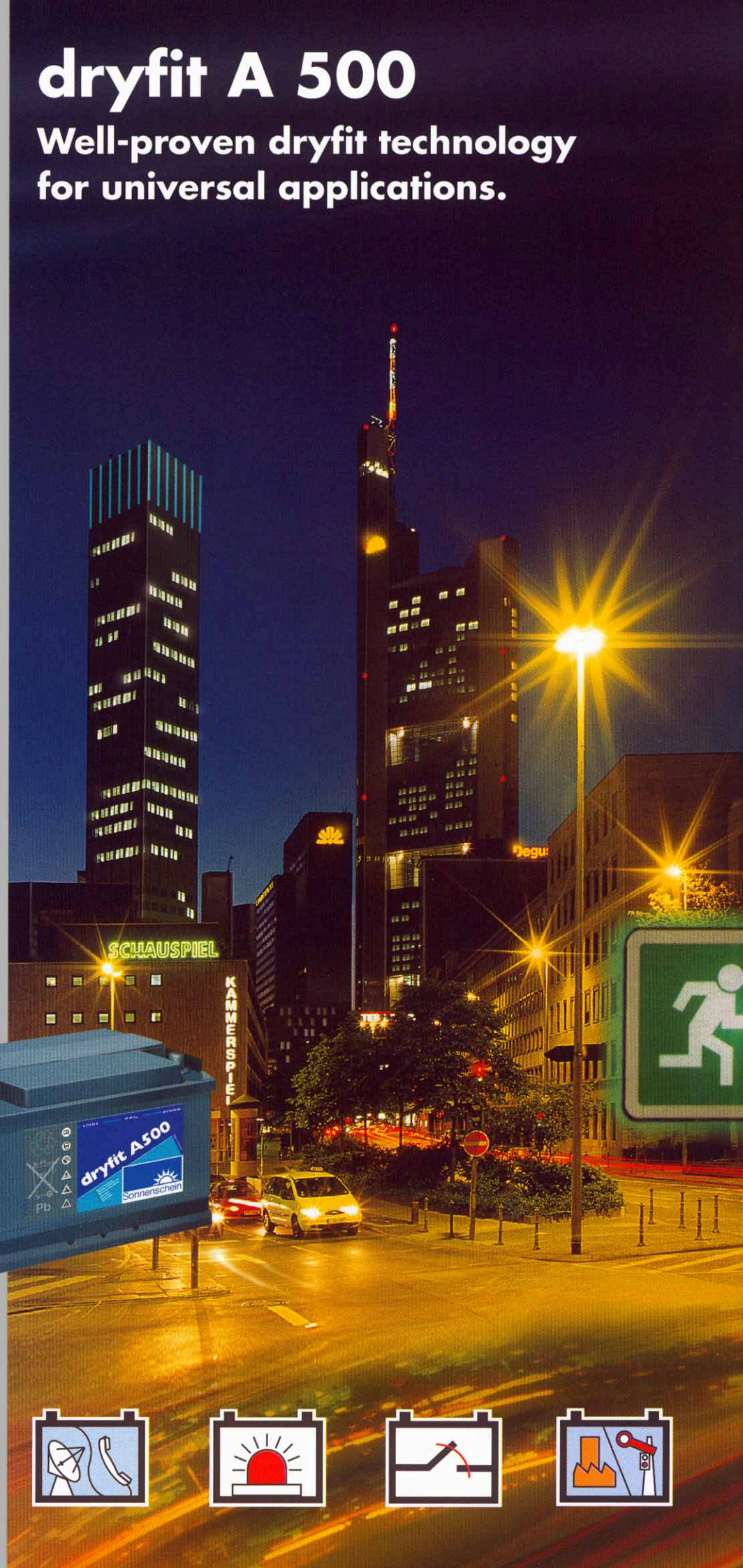
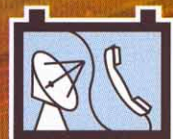
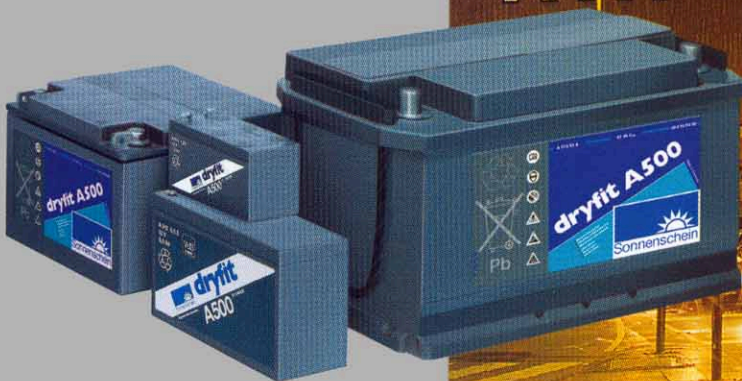


dryfit A 500

Well-proven dryfit technology
for universal applications.



dryfit A 500:

When security of the power supply is the primary factor.

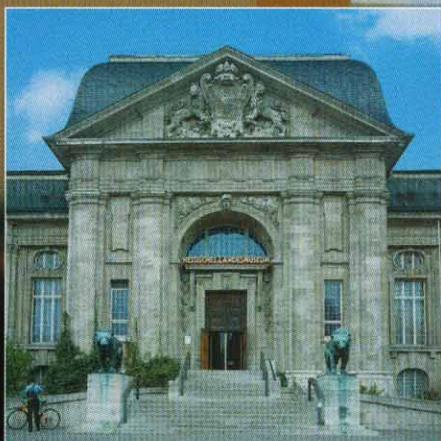
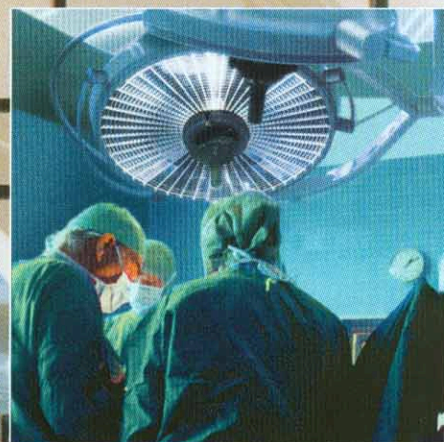
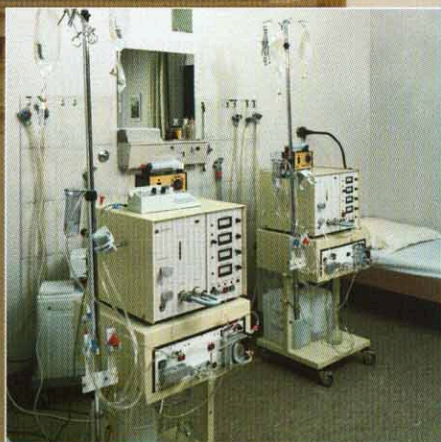
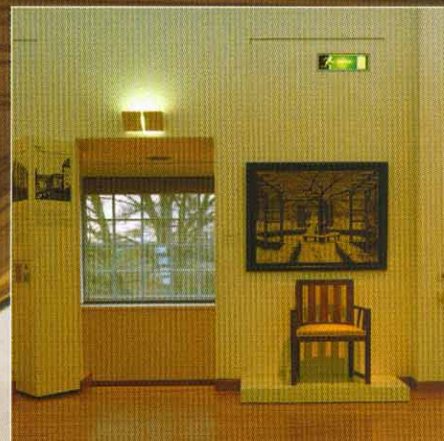
Today, electrical power is indispensable and we daily depend on a continuous supply in all aspects of our life. An uninterruptible power supply is particularly important where life and health depend on electrically powered equipment. We only have to think of emergency lighting, escape route indicators and smoke detectors in, for example, hotels, banks, leisure centres, cultural facilities, hospitals and underground car parks. But also telephone systems for maintaining crucial communications, technical equipment for guaranteeing clinical

supplies or emergency telephones on motorways.

Furthermore, a continuous power supply is needed for the operation of alarm signalling systems for protecting objects. Irrespective of whether this involves the supervision of entry areas, bank premises, cash dispensers, doors, windows or value exhibits in museums – everything depends on a continuous power supply. But it should not be forgotten that a continual power supply is also indispensable where a power failure may cause severe commercial

losses, for example in refrigerated warehouses, transmitter systems or electrical plant.

In order to ensure that the power supply is guaranteed at all times, essential facilities are backed up with high performance battery systems. Sudden breaks in the power supply are then no longer a problem. If the power suddenly fails, battery systems take over the emergency supply of power or start up diesel-powered generators.



Anyone wanting to offer security by employing batteries, must in turn be able to rely on the applied technology. Therefore with the dryfit A 500, Sonnenschein is providing a battery system which optimally fulfils your requirements of reliability, high performance and ease of use.



dryfit A 500:

Technological lead from Sonnenschein.

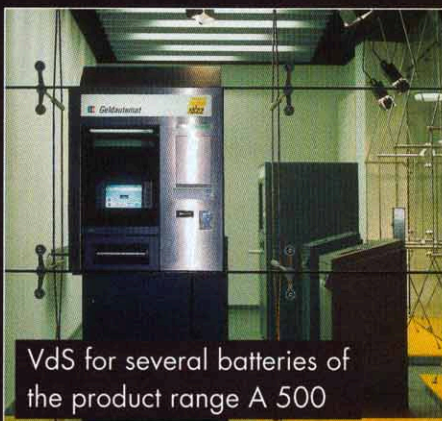
dryfit A 500 – the right choice when reliability for applications in the UPS field or in alarm signalling systems is involved.

The dryfit A 500 Series is a range of sealed, rechargeable lead-acid batteries in which the previously usual liquid electrolyte is contained in gel form. This battery technology which Sonnenschein has made available internationally provides numerous advantages. For example, the dryfit A 500 is completely maintenance-free and therefore particularly convenient and economical in use. Up to 30% savings in the areas of material and manpower result. In addition the batteries can be sited and loaded directly at the point of use.

The dryfit A 500 also fulfils all the demands made of a high performance battery system. Used in a wide range of applications such as UPS and alarm signalling systems, telecommunications, power generation and distribution as well as telecontrol and traffic engineering, the dryfit A 500 features an extremely long service life, high energy density and minimum gassing.

The dryfit A 500 is also recognised throughout the world as an environmentally friendly battery. Right at the battery development stage consideration is given to the environment with the choice of environmentally compatible alloys and other materials. Production takes place in the most modern facilities with the minimum burden on people, extracted air and water. If, for example, damage to the case occurs in transit, no acid can leak out because the electrolyte is fixed in a gel. The dryfit A 500 is therefore not classified as hazardous goods. And another environmental point: Sonnenschein guarantees acceptance and proper disposal at the end of the battery's service life. Lead and plastics are recycled and fed back into the production process.

Sonnenschein dryfit A 500 batteries can be obtained in capacity ratings from 1.2 to 115 Ah.



VdS for several batteries of the product range A 500





dryfit
A500

dryfit A500
Sonnenschein

dryfit A500
Sonnenschein

dryfit A 500:

The technological lead from Sonnenschein.



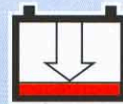
Emergency lighting

dryfit A 500

Completely maintenance-free, sealed VRLA batteries (Valve Regulated Lead Acid) in tried and trusted dryfit technology. Powerful and versatile for applications in the UPS field and in alarm signalling systems (several batteries with VdS approval).



Completely maintenance-free



Proof against deep discharge to DIN 43 534 - T.5



Low gassing



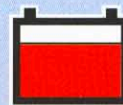
Recyclable



Grid plates



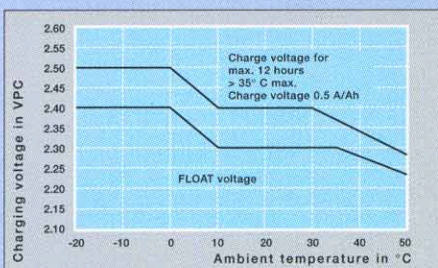
Block battery



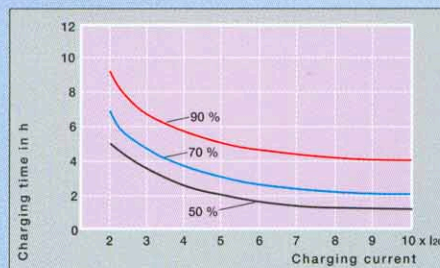
Nominal capacity: 1,2 – 115 Ah



Service life: 6 years



Constant charge voltages for various ambient temperatures. Note: For charge voltages > 2.4 V per cell the charging current must be limited to 0.4 A/Ah.



Recharging time in relationship to initial current up to 50%, 70% and 90% charging state, charging voltage 2.4 V/cell.

dryfit A 500:

Overview of technical data.

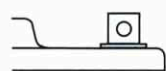
Type No. dryfit A500	Type	No- minal vol- tage	Nominal capacity (C 20) to 1.75 V/cell Ah	Dis- charge current (I 20) mA	Max. load*) approx. A	Max. per- missible current over 5s *) approx. A	Weight max. approx. kg	Length max. in mm	Width to top in mm	Height incl. of cover max. in mm	Overall contacts/ shroud max. in mm	Terminals
07 8 95502 00	A 502/10.0 S	2	10.0	500	80	300	0.7	52.9	50.5	94.5	98.4	Faston terminal 4.8
07 8 95302 00	A 504/3.5 S	4	3.5	175	60	300	0.5	90.5	34.5	60.5	64.4	Faston terminal 4.8
07 8 95182 00	A 506/1.2 S	6	1.2	60	40	240	0.33	97.3	25.5	51.0	54.9	Faston terminal 4.8
07 8 95312 00	A 506/3.5 S	6	3.5	175	60	300	0.7	134.5	34.8	60.5	64.4	Faston terminal 4.8
07 8 95391 00	A 506/4.2 S	6	4.2	210	60	300	0.9	62.3	52.0	98.0	101.9	Faston terminal 4.8
07 8 95465 00	A 506/6.5 S	6	6.5	325	80	300	1.3	152.0	34.5	94.5	98.4	Faston terminal 4.8
07 8 95523 00	A 506/10.0 S	6	10.0	500	80	300	2.1	152.0	50.5	94.5	98.4	Faston terminal 4.8
07 8 95322 00	A 508/3.5 S	8	3.5	175	60	300	0.98	178.5	34.1	60.5	64.4	Faston terminal 4.8
07 8 95185 00	A 512/1.2 S	12	1.2	60	40	240	0.65	97.5	49.5	51.0	54.9	Faston terminal 4.8
07 8 95202 00	A 512/2.0 S	12	2.0	100	40	240	1.0	178.5	34.1	60.5	64.4	Faston terminal 4.8
07 8 95315 00	A 512/3.5 S	12	3.5	175	60	300	1.5	134.0	66.8	60.0	64.4	Faston terminal 4.8
07 8 95432 00	A 512/6.5 S	12	6.5	325	80	300	2.6	152.0	65.5	94.5	98.4	Faston terminal 4.8
07 8 95436 00	A 512/6.5 SR	12	6.5	325	80	300	2.6	152.0	65.5	94.5	98.4	Faston terminal 6.3
07 8 95525 00	A 512/10.0 S	12	10.0	500	80	300	4.0	152.0	98.0	94.5	98.4	Faston terminal 4.8
07 8 95530 00	A 512/10.0 SR	12	10.0	500	80	300	4.0	152.0	98.0	94.5	98.4	Faston terminal 6.3
08 8 95565 00	A 512/16.0 G5	12	16.0	800	200	700	6.2	181.0	76.0	152.0	167.0	Screw 5
08 8 95560 00	A 512/16.0 SR	12	16.0	800	100	300	6.2	181.0	76.0	152.0	156.4	Faston terminal 6.3
08 8 95615 10	A 512/24.0 G5	12	24.0	1200	200	800	9.6	167.0	176.0	126.0	126.0	Screw 5
08 8 95615 00	A 512/25.0 G5	12	25.0	1250	200	800	9.6	167.0	176.0	126.0	126.0	Screw 5
08 8 95625 00	A 512/30.0 G6	12	30.0	1500	400	1500	11.3	197.0	132.0	160.0	184.0	Screw 6
08 8 95630 00	A 512/40.0 A	12	40.0	2000	400	1500	15.0	210.0	175.0	175.0	175.0	A DIN 72311
08 8 95632 00	A 512/40.0 G6	12	40.0	2000	400	1500	15.0	210.0	175.0	175.0	175.0	Screw 6
08 8 95660 00	A 512/55.0 A	12	55.0	2750	400	1500	19.0	261.0	135.0	208.0	230.0	A DIN 72311
08 8 95664 00	A 512/60.0 A	12	60.0	3000	400	1500	21.8	306.0	175.0	190.0	190.0	A DIN 72311
08 8 95667 00	A 512/60.0 AS	12	60.0	3000	400	1500	21.8	281.0	175.0	190.0	190.0	A DIN 72311
08 8 95665 00	A 512/60.0 G6	12	60.0	3000	400	1500	21.8	306.0	175.0	190.0	190.0	Screw 6
08 8 95669 00	A 512/60.0 G6S	12	60.0	3000	400	1500	21.8	281.0	175.0	190.0	190.0	Screw 6
08 8 95666 00	A 512/65.0 A	12	65.0	3250	440	1500	24.4	381.0	175.0	190.0	190.0	A DIN 72311
08 8 95668 00	A 512/65.0 G6	12	65.0	3250	440	1500	24.2	381.0	175.0	190.0	190.0	Screw 6
08 8 95722 00	A 512/85.0 A	12	85.0	4250	600	2600	32.6	330.0	171.0	214.0	235.5	A DIN 72311
08 8 95750 00	A 512/115.0 A	12	115.0	5750	770	2600	40.3	284.0	267.0	208.0	230.0	A DIN 72311

*) Only with suitable matching contacts. For installation, storage, and ambient conditions please ask for our User's Instructions A 500 No. 32500.

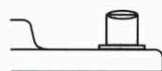
Types of contact: A = Tapered pole according to DIN 72 311, G = Screw connection, SR = Plug contact, S = Plug contact

Dimensions and connections:

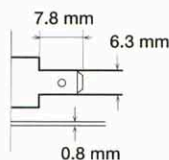
Types of contact:



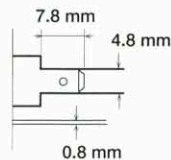
G pole



A pole



SR contact



S contact

dryfit A 500:

Project design data

Constant-current discharge.

1.85 Volt/cell - discharge in A											
Type	5'	10'	15'	20'	30'	1 h	2 h	3 h	5 h	8 h	10 h
A502/10.0	30.0	22.0	18.0	15.0	11.2	6.4	3.90	2.80	1.80	1.18	0.96
A504/3.5	9.5	6.7	5.5	4.5	3.4	2.1	1.40	0.95	0.60	0.39	0.32
A506/1.2	3.5	2.4	1.9	1.5	1.2	0.7	0.49	0.34	0.21	0.13	0.10
A506/3.5	9.5	6.7	5.5	4.5	3.4	2.1	1.40	0.95	0.60	0.39	0.32
A506/4.2	9.9	6.3	5.0	4.2	3.4	2.4	1.64	1.22	0.75	0.49	0.39
A506/6.5	17.0	12.0	10.0	8.1	6.1	3.6	2.10	1.50	1.10	0.73	0.61
A506/10.0	30.0	22.0	18.0	15.0	11.2	6.4	3.90	2.80	1.80	1.18	0.96
A508/3.5	9.5	6.7	5.5	4.5	3.4	2.1	1.40	0.95	0.60	0.39	0.32
A512/1.2	3.5	2.4	1.9	1.5	1.2	0.7	0.49	0.34	0.21	0.13	0.10
A512/2.0	5.4	3.7	3.2	2.6	2.0	1.5	0.82	0.56	0.34	0.22	0.18
A512/3.5	9.5	6.7	5.5	4.5	3.4	2.1	1.40	0.95	0.60	0.39	0.32
A512/6.5	17.0	12.0	10.0	8.1	6.1	3.6	2.10	1.50	1.10	0.73	0.61
A512/10.0	30.0	22.0	18.0	15.0	11.2	6.4	3.90	2.80	1.80	1.18	0.96
A512/16.0	40.0	29.0	24.0	20.0	15.0	9.8	6.21	4.34	2.77	1.80	1.47
A512/25.0	41	36	29	24	20	13	8.0	5.8	3.9	2.5	2.1
A512/30.0	60	49	44	36	28	18	10.6	7.6	4.9	3.2	2.6
A512/40.0	75	63	50	42	34	22	12.0	8.8	6.4	4.3	3.5
A512/55.0	99	83	70	59	46	32	18.9	13.6	9.0	6.0	4.9
A512/60.0	122	100	82	69	54	33	21.5	15.3	9.9	6.6	5.4
A512/65.0	100	91	78	73	65	43	35.0	23.0	13.2	11.0	7.4
A512/85.0	168	141	119	100	78	53	30.0	22.0	14.2	9.4	7.7
A512/115.0	210	179	152	128	100	60	36.0	26.0	18.0	12.0	10.1

1.80 Volt/cell - discharge in A											
Type	5'	10'	15'	20'	30'	1 h	2 h	3 h	5 h	8 h	10 h
A502/10.0	33.0	24.0	19.0	16.0	11.9	6.8	4.10	2.90	1.90	1.23	1.00
A504/3.5	10.6	7.4	6.0	4.9	3.7	2.2	1.40	0.98	0.62	0.40	0.33
A506/1.2	3.9	2.6	2.0	1.6	1.2	0.7	0.51	0.35	0.21	0.13	0.10
A506/3.5	10.6	7.4	6.0	4.9	3.7	2.2	1.40	0.98	0.62	0.40	0.33
A506/4.2	11.7	6.7	5.2	4.4	3.4	2.4	1.65	1.24	0.77	0.50	0.40
A506/6.5	19.0	13.0	11.0	8.8	6.5	3.8	2.20	1.60	1.10	0.75	0.63
A506/10.0	33.0	24.0	19.0	16.0	11.9	6.8	4.10	2.90	1.90	1.23	1.00
A508/3.5	10.6	7.4	6.0	4.9	3.7	2.2	1.40	0.98	0.62	0.40	0.33
A512/1.2	3.9	2.6	2.0	1.6	1.2	0.7	0.51	0.35	0.21	0.13	0.10
A512/2.0	6.2	4.2	3.4	2.8	2.1	1.5	0.86	0.58	0.36	0.23	0.19
A512/3.5	10.6	7.4	6.0	4.9	3.7	2.2	1.40	0.98	0.62	0.40	0.33
A512/6.5	19.0	13.0	11.0	8.8	6.5	3.8	2.20	1.60	1.10	0.75	0.63
A512/10.0	33.0	24.0	19.0	16.0	11.9	6.8	4.10	2.90	1.90	1.23	1.00
A512/16.0	47.0	33.0	27.0	22.0	16.0	10.2	6.43	4.49	2.86	1.87	1.52
A512/25.0	46	38	32	27	21	13	8.3	6.0	4.0	2.6	2.2
A512/30.0	75	54	47	39	30	19	11.2	7.9	5.1	3.3	2.7
A512/40.0	86	69	57	47	36	23	13.0	9.2	6.7	4.4	3.6
A512/55.0	114	89	78	65	50	34	19.5	14.0	9.2	6.1	5.0
A512/60.0	145	108	91	75	58	35	22.3	15.8	10.3	6.8	5.6
A512/65.0	129	112	95	88	75	47	38.0	24.3	13.8	11.5	7.5
A512/85.0	193	154	135	112	85	56	32.0	23.0	14.7	9.8	8.0
A512/115.0	244	192	170	140	107	64	38.0	27.0	18.0	13.0	10.4

1.75 Volt/cell - discharge in A											
Type	5'	10'	15'	20'	30'	1 h	2 h	3 h	5 h	8 h	10 h
A502/10.0	35.0	26.0	20.0	17.0	12.3	6.9	4.20	3.00	1.90	1.25	1.02
A504/3.5	11.3	7.9	6.2	5.1	3.8	2.3	1.40	0.99	0.62	0.41	0.34
A506/1.2	4.1	2.8	2.1	1.7	1.3	0.7	0.51	0.35	0.22	0.13	0.10
A506/3.5	11.3	7.9	6.2	5.1	3.8	2.3	1.40	0.99	0.62	0.41	0.34
A506/4.2	13.3	6.9	5.3	4.4	3.5	2.4	1.66	1.25	0.78	0.50	0.41
A506/6.5	20.0	14.0	11.0	9.2	6.8	3.9	2.30	1.60	1.10	0.76	0.63
A506/10.0	35.0	26.0	20.0	17.0	12.3	6.9	4.20	3.00	1.90	1.25	1.02
A508/3.5	11.3	7.9	6.2	5.1	3.8	2.3	1.40	0.99	0.62	0.41	0.34
A512/1.2	4.1	2.8	2.1	1.7	1.3	0.7	0.51	0.35	0.22	0.13	0.10
A512/2.0	6.8	4.6	3.5	2.9	2.2	1.5	0.87	0.59	0.36	0.24	0.19
A512/3.5	11.3	7.9	6.2	5.1	3.8	2.3	1.40	0.99	0.62	0.41	0.34
A512/6.5	20.0	14.0	11.0	9.2	6.8	3.9	2.30	1.60	1.10	0.76	0.63
A512/10.0	35.0	26.0	20.0	17.0	12.3	6.9	4.20	3.00	1.90	1.25	1.02
A512/16.0	51.0	36.0	28.0	23.0	17.0	10.4	6.53	4.56	2.90	1.89	1.54
A512/25.0	54	41	34	28	21	14	8.5	6.1	4.0	2.7	2.2
A512/30.0	84	60	49	42	31	19	11.5	8.1	5.2	3.4	2.8
A512/40.0	103	74	61	50	37	24	13.0	9.4	6.8	4.5	3.7
A512/55.0	139	99	84	69	52	35	19.9	14.2	9.3	6.2	5.1
A512/60.0	168	118	98	80	60	36	22.7	16.1	10.4	6.9	5.6
A512/65.0	155	126	105	95	81	49	40.0	24.9	14.0	11.7	7.6
A512/85.0	226	169	144	120	90	58	33.0	23.0	15.0	9.9	8.1
A512/115.0	282	204	179	148	112	66	39.0	28.0	19.0	13.0	10.5

1.70 Volt/cell - discharge in A											
Type	5'	10'	15'	20'	30'	1 h	2 h	3 h	5 h	8 h	10 h
A502/10.0	37.0	27.0	20.0	17.0	12.6	7.0	4.20	3.00	1.90	1.25	1.02
A504/3.5	12.1	8.3	6.3	5.2	3.9	2.3	1.40	1.00	0.63	0.41	0.34
A506/1.2	4.3	2.9	2.1	1.7	1.3	0.7	0.52	0.35	0.22	0.13	0.10
A506/3.5	12.1	8.3	6.3	5.2	3.9	2.3	1.40	1.00	0.63	0.41	0.34
A506/4.2	14.2	7.0	5.4	4.5	3.5	2.5	1.66	1.26	0.79	0.50	0.41
A506/6.5	21.0	15.0	12.0	9.5	6.9	3.9	2.30	1.60	1.10	0.76	0.63
A506/10.0	37.0	27.0	20.0	17.0	12.6	7.0	4.20	3.00	1.90	1.25	1.02
A508/3.5	12.1	8.3	6.3	5.2	3.9	2.3	1.40	1.00	0.63	0.41	0.34
A512/1.2	4.3	2.9	2.1	1.7	1.3	0.7	0.52	0.35	0.22	0.13	0.10
A512/2.0	7.4	4.8	3.6	3.0	2.2	1.5	0.88	0.60	0.37	0.24	0.19
A512/3.5	12.1	8.3	6.3	5.2	3.9	2.3	1.40	1.00	0.63	0.41	0.34
A512/6.5	21.0	15.0	12.0	9.5	6.9	3.9	2.30	1.60	1.10	0.76	0.63
A512/10.0	37.0	27.0	20.0	17.0	12.6	7.0	4.20	3.00	1.90	1.25	1.02
A512/16.0	54.0	39.0	30.0	24.0	17.0	10.5	6.59	4.60	2.92	1.89	1.54
A512/25.0	61	43	36	29	22	14	8.6	6.2	4.1	2.7	2.2
A512/30.0	92	64	50	43	32	20	11.6	8.2	5.3	3.4	2.8
A512/40.0	115	79	64	52	38	24	13.0	9.5	6.8	4.5	3.7
A512/55.0	151	106	86	72	53	35	20.1	14.3	9.3	6.2	5.1
A512/60.0	178	125	101	82	61	36	22.9	16.2	10.4	6.9	5.6
A512/65.0	174	139	114	104	86	50	40.0	25.1	14.1	11.7	7.6
A512/85.0	244	182	149	125	93	59	33.0	23.0	15.1	9.9	8.1
A512/115.0	310	215	183	153	114	67	39.0	28.0	19.0	13.0	10.5

1.65 Volt/cell - discharge in A											
Type	5'	10'	15'	20'	30'	1 h	2 h	3 h	5 h	8 h	10 h
A502/10.0	39.0	28.0	21.0	17.0	12.7	7.1	4.30	3.00	1.90	1.25	1.02
A504/3.5	12.7	8.5	6.5	5.3	3.9	2.3	1.40	1.01	0.63	0.41	0.34
A506/1.2	4.5	2.9	2.2	1.7	1.3	0.8	0.52	0.36	0.22	0.13	0.10
A506/3.5	12.7	8.5	6.5	5.3	3.9	2.3	1.40	1.01	0.63	0.41	0.34
A506/4.2	14.8	7.0	5.4	4.5	3.5	2.5	1.67	1.27	0.79	0.50	0.41
A506/6.5	23.0	15.0	12.0	9.6	7.0	4.0	2.30	1.60	1.10	0.76	0.63
A506/10.0	39.0	28.0	21.0	17.0	12.7	7.1	4.30	3.00	1.90	1.25	1.02
A508/3.5	12.7	8.5	6.5	5.3	3.9	2.3	1.40	1.01	0.63	0.41	0.34
A512/1.2	4.5	2.9	2.2	1.7	1.3	0.8	0.52	0.36	0.22	0.13	0.10
A512/2.0	7.8	4.9	3.7	3.0	2.2	1.5	0.88	0.60	0.37	0.24	0.19
A512/3.5	12.7	8.5	6.5	5.3	3.9	2.3	1.40	1.01	0.63	0.41	0.34
A512/6.5	23.0	15.0	12.0	9.6	7.0	4.0	2.30	1.60	1.10	0.76	0.63
A512/10.0	39.0	28.0	21.0	17.0	12.7	7.1	4.30	3.00	1.90	1.25	1.02
A512/16.0	58.0	41.0	30.0	24.0	18.0	10.6	6.61	4.60	2.92	1.89	1.54
A512/25.0	67	45	37	30	22	14	8.6	6.2	4.1	2.7	2.2
A512/30.0	98	67									

dryfit A 500:

Project design data, constant-power discharge.

1.85 Volt/cell - discharge in watts									
Type	3'	5'	10'	15'	20'	30'	45'	60'	90'
A502/10.0	56	50	41	33	27	20	16	13	9
A504/3.5	41	34	26	21	17	13	11	9	6
A506/1.2	21	17	12	10	8	6	4	4	3
A506/3.5	62	51	38	32	26	20	16	13	9
A506/4.2	77	63	44	35	30	23	16	14	11
A506/6.5	120	100	73	60	51	38	28	23	16
A506/10.0	167	149	124	98	80	60	49	39	28
A508/3.5	83	68	51	42	35	27	22	17	12
A512/1.2	42	34	24	20	17	13	9	8	5
A512/2.0	74	60	44	36	30	23	17	14	10
A512/3.5	124	102	77	63	52	40	33	26	18
A512/6.5	240	201	146	119	102	77	57	45	33
A512/10.0	335	298	248	195	160	120	98	78	56
A512/16.0	485	433	352	295	252	192	150	119	87
A512/25.0	535	463	387	324	278	225	170	140	105
A512/30.0	857	751	568	479	400	310	251	200	144
A512/40.0	958	848	703	578	490	395	300	243	178
A512/55.0	1348	1172	922	844	718	572	457	367	269
A512/60.0	1618	1414	1096	963	807	625	459	369	271
A512/65.0	1180	1113	991	861	763	659	500	411	307
A512/85.0	1979	1802	1527	1310	1118	905	690	565	425
A512/115.0	2808	2531	2009	1705	1439	1155	872	702	512

1.80 Volt/cell - discharge in watts									
Type	3'	5'	10'	15'	20'	30'	45'	60'	90'
A502/10.0	56	53	44	35	29	21	17	14	10
A504/3.5	45	38	28	22	19	14	11	9	6
A506/1.2	23	19	13	10	9	6	5	4	3
A506/3.5	68	57	42	33	28	21	17	13	10
A506/4.2	83	71	49	39	35	31	17	14	11
A506/6.5	128	112	80	63	54	40	30	24	17
A506/10.0	168	159	131	104	86	64	51	41	29
A508/3.5	91	76	56	44	37	28	23	18	13
A512/1.2	47	38	26	21	18	13	10	8	6
A512/2.0	83	68	49	38	32	24	18	15	11
A512/3.5	136	114	84	66	56	42	34	27	19
A512/6.5	257	224	161	125	109	81	59	47	34
A512/10.0	336	318	261	209	172	128	101	81	59
A512/16.0	584	485	384	309	269	203	156	124	90
A512/25.0	623	555	418	360	303	240	180	146	109
A512/30.0	1036	850	637	517	433	330	264	210	151
A512/40.0	1092	1007	758	646	538	415	318	255	186
A512/55.0	1555	1362	1014	888	777	606	478	382	278
A512/60.0	1955	1634	1181	1041	873	669	489	390	283
A512/65.0	1459	1316	1109	989	851	693	544	441	327
A512/85.0	2279	2132	1684	1487	1245	970	740	600	447
A512/115.0	3189	2873	2190	1888	1569	1209	926	739	535

1.75 Volt/cell - discharge in watts									
Type	3'	5'	10'	15'	20'	30'	45'	60'	90'
A502/10.0	60	58	45	36	30	22	17	14	10
A504/3.5	49	41	30	23	20	15	12	9	6
A506/1.2	25	20	14	11	9	7	5	4	3
A506/3.5	73	62	45	35	29	22	18	14	10
A506/4.2	89	77	52	40	36	31	17	15	11
A506/6.5	138	121	86	66	57	42	30	24	17
A506/10.0	181	173	135	109	90	66	51	42	30
A508/3.5	97	82	60	46	39	29	23	18	13
A512/1.2	50	41	28	22	18	14	10	8	6
A512/2.0	91	75	52	40	33	25	18	15	11
A512/3.5	146	123	89	69	59	44	35	27	19
A512/6.5	277	243	171	132	113	84	61	48	35
A512/10.0	361	346	270	219	179	132	103	83	60
A512/16.0	636	534	407	322	280	209	159	126	91
A512/25.0	689	616	454	385	320	248	185	150	111
A512/30.0	1118	951	690	538	453	341	271	214	153
A512/40.0	1226	1074	822	691	569	432	326	261	189
A512/55.0	1799	1496	1102	917	813	626	489	388	281
A512/60.0	2267	1837	1274	1071	915	693	505	400	288
A512/65.0	1757	1591	1223	1083	914	721	567	457	336
A512/85.0	2561	2292	1847	1557	1329	1018	768	621	460
A512/115.0	3642	3101	2374	1986	1653	1255	956	759	547

1.70 Volt/cell - discharge in watts									
Type	3'	5'	10'	15'	20'	30'	45'	60'	90'
A502/10.0	64	60	46	38	31	22	17	14	10
A504/3.5	53	44	31	24	20	15	12	9	7
A506/1.2	26	21	14	11	9	7	5	4	3
A506/3.5	80	66	46	36	30	22	18	14	10
A506/4.2	97	81	54	41	36	32	17	15	11
A506/6.5	150	126	88	68	58	42	31	24	17
A506/10.0	193	180	139	113	92	67	52	42	30
A508/3.5	106	88	61	48	40	30	24	19	13
A512/1.2	53	43	28	22	18	14	10	8	6
A512/2.0	99	80	53	41	34	25	19	15	11
A512/3.5	159	131	92	72	60	45	35	28	20
A512/6.5	300	252	176	136	116	85	62	49	35
A512/10.0	385	360	278	226	185	135	103	84	60
A512/16.0	688	573	418	331	285	212	161	127	91
A512/25.0	776	652	482	395	330	253	187	151	112
A512/30.0	1214	1037	726	558	465	347	274	216	155
A512/40.0	1391	1157	870	719	587	441	331	264	191
A512/55.0	1912	1624	1163	935	834	636	493	392	283
A512/60.0	2406	2022	1348	1088	940	707	514	405	290
A512/65.0	1959	1739	1322	1142	954	739	577	464	340
A512/85.0	2900	2486	1993	1607	1381	1045	786	634	469
A512/115.0	4106	3361	2511	2030	1703	1281	971	770	553

1.65 Volt/cell - discharge in watts									
Type	3'	5'	10'	15'	20'	30'	45'	60'	90'
A502/10.0	68	62	47	38	31	23	17	14	10
A504/3.5	57	46	31	24	20	15	12	9	7
A506/1.2	28	22	14	11	9	7	5	4	3
A506/3.5	85	68	47	36	30	23	18	14	10
A506/4.2	102	82	55	41	36	32	17	15	11
A506/6.5	160	129	90	69	59	43	31	25	18
A506/10.0	205	186	142	114	93	68	52	42	30
A508/3.5	113	91	62	49	41	30	24	19	13
A512/1.2	56	45	29	22	18	14	10	8	6
A512/2.0	103	82	54	41	34	25	19	15	11
A512/3.5	170	137	93	73	61	45	35	28	20
A512/6.5	319	258	181	138	117	86	62	49	35
A512/10.0	410	371	283	229	187	136	104	84	61
A512/16.0	741	601	423	335	288	213	161	128	92
A512/25.0	854	693	501	400	335	255	188	152	112
A512/30.0	1310	1095	746	569	471	351	276	217	155
A512/40.0	1514	1235	902	729	597	446	333	265	192
A512/55.0	2005	1726	1204	945	845	642	496	394	284
A512/60.0	2548	2176	1404	1098	954	715	519	409	292
A512/65.0	2139	1853	1395	1171	976	749	582	466	341
A512/85.0	3115	2719	2109	1663	1410	1060	797	642	474
A512/115.0	4304	3582	2603	2057	1732	1296	980	776	557

1.60 Volt/cell - discharge in watts									
Type	3'	5'	10'	15'	20'	30'	45'	60'	90'
A502/10.0	73	63	48	38	31	23	17	14	10
A504/3.5	59	46	32	25	20	15	12	9	7
A506/1.2	29	23	14	11	9	7	5	4	3
A506/3.5	89	69	47	37	31	23	18	14	10
A506/4.2	106	83	55	42	37	32	17	15	11
A506/6.5	168	132	92	70	59	43	31	25	18
A506/10.0	218	190	144	115	94	68	52	42	30
A508/3.5	119	93	63	49	41	30	24	19	13
A512/1.2	58	46	29	22	19	14	10	8	6
A512/2.0	106	84	55	42	34	25	19	15	11
A512/3.5	178	139	95	74	61	45	36	28	20
A512/6.5	335	263	184	140	118	86	62	49	35
A512/10.0	437	381	287	231	188	136	104	85	61
A512/16.0	783	621	426	338	289	214	162	128	92
A512/25.0	908	725	514	403	339	256	189	153	113
A512/30.0	1393	1121	755	576	474	352	276	218	156
A512/40.0	1577	1299	923	735	603	449	334	266	192
A512/55.0	2107	1800	1231	957	851	645	498	395	285
A512/60.0	2680	2279	1439	1104	963	719	522	410	293
A512/65.0	2315	1976	1443	1183	987	754	584	468	342
A512/85.0	3264	2923	2190	1700	1427	1069	804	648	477
A512/115.0	4467	3755	2665	2073	1750	1306</			



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