

Sonnenschein A600 blocks / A606/200

INDUSTRIAL BATTERIES / NETWORK POWER

Sonnenschein A600 has extraordinary energy-saving features in addition with robust reliability, proven for decades in many installations worldwide.

Part Number: NGA6060200HS0FB

APPLICATIONS



SPECIFICATIONS

- Very low gassing due to internal gas recombination
- 15 years design life at 20°C ambient temperature (80% remaining capacity from C₁₀)
- Long shelf life up to 2 years at 20 °C without recharge due to the very low self discharge rate
- Available as standard or flame retardant version (UL 94-V0)
- Blocks in compliance with DIN 40 744
- Designed in accordance with IEC 60896-21/-22
- Manufactured in Europe in our ISO 9001 certified production plants



Design life
15 years



Block
battery



Tubular plate



Recyclable



Valve
regulated
lead-acid
batteries



Proof
against deep
discharge



Maintenance
free (no
topping up)

RECYCLE WITH EXIDE.



Exide Technologies takes pride in its commitment to a better environment. An integrated approach to manufacturing, distributing and recycling of leadacid batteries has been developed to ensure a safe and responsible life cycle for all ofits products.



For more information please
[contact your local dealer](#)

EXIDE Distributionscenter Frankfurt a.M.

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TECHNICAL CHARACTERISTICS AND DATA

Nominal voltage	6 V
Float charge	2,27 V/C @ 20 °C
Capacity	CC 10h 1,8V/C 20°C 200Ah
Short circuit current	1707 A (IEC60896-21/22)
Internal resistance	2,71 mΩ (IEC60896-21/22)

Terminal	F-M8
Terminal Torque	12 Nm
Container	UL 94-HB (Polypropylene)
Temperature range	-40°C to 55°C
Dimensions (l x b/w x h)	272 x 206 x 347 mm
Weight	45,7 kg
Origin	La Cartuja, Spain

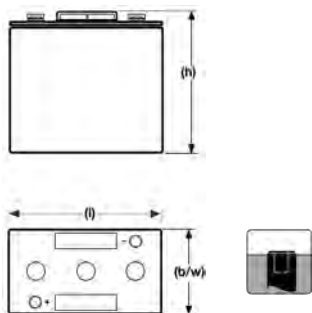
CONSTANT POWER DISCHARGE

W @ 20 °C	5 min	10 min	15 min	30 min	1 h	2 h	3 h	4 h	5 h	8 h	10 h
1,870 V/C	999	915	774	654	468	324	247	201	171	118	98
1,830 V/C	1131	999	900	729	516	342	261	211	179	124	102
1,800 V/C	1254	1098	993	816	567	363	277	220	185	128	106
1,750 V/C	1335	1206	999	834	597	372	280	224	189	129	106
1,700 V/C	1428	1314	1170	918	627	390	284	225	190	129	106
1,650 V/C	1575	1386	1230	933	627	390	284	225	190	129	106

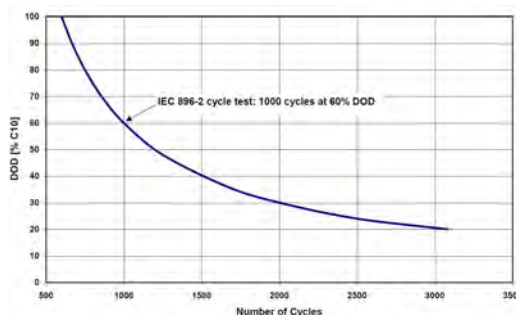
CONSTANT CURRENT DISCHARGE

A @ 20 °C	5 min	10 min	15 min	30 min	1 h	2 h	3 h	4 h	5 h	8 h	10 h
1,900 V/C	146	135	126	105	79,5	54,2	41,7	34,3	29,3	20,8	17,6
1,870 V/C	171	157	146	120	89,1	59,3	45,1	36,8	31,3	22	18,6
1,850 V/C	188	172	159	130	95	62,2	47	38,2	32,4	22,7	19,1
1,830 V/C	205	187	173	140	100	64,8	48,6	39,3	33,3	23,2	19,5
1,800 V/C	231	210	192	153	107	67,9	50,5	40,7	34,3	23,8	20
1,770 V/C	257	232	211	165	113	70,3	51,9	41,7	35,1	24,3	20,3
1,750 V/C	274	246	223	172	116	71,5	52,7	42,2	35,5	24,5	20,5
1,730 V/C	291	260	235	179	119	72,5	53,2	42,6	35,8	24,7	20,6
1,700 V/C	317	281	252	188	122	73,6	53,9	43	36,1	24,9	20,8
1,670 V/C	342	301	267	195	125	74,4	54,3	43,3	36,3	25	20,9
1,650 V/C	359	314	277	199	126	74,8	54,5	43,5	36,4	25,1	20,9
1,630 V/C	376	326	285	202	127	75,1	54,7	43,6	36,5	25,1	21
1,600 V/C	400	343	297	206	128	75,5	54,9	43,7	36,6	25,2	21

Technical drawing



Cycle life vs. DOD



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