

Sonnenschein A600 blocks / A606/300 V0

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: NGA6060300VS0FC

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 lead-acid batteries has been developed to ensure a safe and responsible life cycle for all of its products.



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

TECHNICAL CHARACTERISTICS AND DATA

Nominal voltage	6 V
Float charge	2,27 V/C @ 20 °C
Capacity	CC 10h 1,8V/C 20°C 300Ah
Short circuit current	2614 A (IEC60896-21/22)
Internal resistance	1,9 mΩ (IEC60896-21/22)

Terminal	F-M8
Terminal Torque	12 Nm
Container	UL 94-V0 (Polypropylene)
Temperature range	-40°C to 55°C
Dimensions (l x b/w x h)	380 x 206 x 347 mm
Weight	65,4 kg
Origin	La Cartuja, Spain

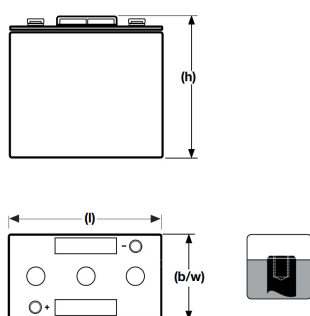
CONSTANT POWER DISCHARGE

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	1500	1341	1206	918	687	480	372	300	256	177	147
1,830 V/C	1551	1374	1227	1056	756	507	393	315	268	183	153
1,800 V/C	1704	1533	1368	1188	831	537	414	330	277	192	159
1,750 V/C	1827	1695	1383	1221	882	549	420	333	284	193	159
1,700 V/C	2037	1854	1650	1347	921	582	426	336	284	193	159
1,650 V/C	2211	1974	1743	1368	921	582	426	336	284	193	159

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	220	203	190	160	122	83,6	64,1	52,4	44,6	31,3	26,3
1,870 V/C	253	233	217	181	136	91,2	69,2	56,2	47,6	33,1	27,8
1,850 V/C	275	253	236	195	145	95,8	72,2	58,4	49,2	34,1	28,6
1,830 V/C	298	273	254	209	153	99,9	74,8	60,2	50,7	35	29,2
1,800 V/C	332	304	281	228	164	105	78	62,5	52,4	36	30
1,770 V/C	367	334	307	247	174	109	80,5	64,2	53,7	36,7	30,6
1,750 V/C	390	354	324	258	180	112	81,8	65,1	54,4	37,1	30,9
1,730 V/C	413	373	341	269	185	114	82,9	65,8	54,9	37,4	31,1
1,700 V/C	447	403	366	284	192	116	84,1	66,6	55,5	37,7	31,3
1,670 V/C	481	431	390	297	197	118	85	67,2	55,9	37,9	31,5
1,650 V/C	504	450	405	305	199	118	85,4	67,5	56,1	38	31,6
1,630 V/C	527	468	419	312	201	119	85,7	67,7	56,3	38,1	31,7
1,600 V/C	561	495	440	321	204	120	86,1	67,9	56,5	38,2	31,7

Technical drawing



Cycle life vs. DOD

