

## 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:** NGA6060200HS0FC

#### APPLICATIONS



#### SPECIFICATIONS

- Very low gassing due to internal gas recombination
- 15 years design life at 20°C ambient temperature (80% remaining capacity from C<sub>10</sub>)
- 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

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

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

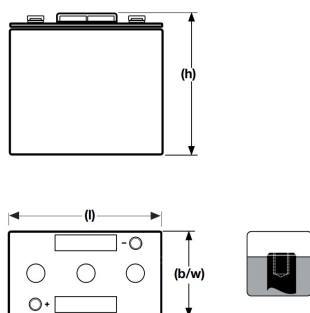
## CONSTANT POWER DISCHARGE

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

