

# Sonnenschein A600 blocks / A612/100

## 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: NGA6120100HS0FC

### 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>	12 V
<b>Float charge</b>	2,27 V/C @ 20 °C
<b>Capacity</b>	CC 10h 1,8V/C 20°C 100Ah
<b>Short circuit current</b>	1934 A (IEC60896-21/22)
<b>Internal resistance</b>	9,68 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>	46,2 kg
<b>Origin</b>	La Cartuja, Spain

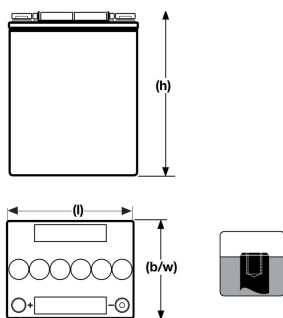
## CONSTANT POWER DISCHARGE

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	1092	978	858	726	490	329	247	200	170	118	98
1,830 V/C	1236	1068	984	792	536	347	261	211	179	124	101
1,800 V/C	1368	1188	1062	834	587	364	276	215	185	127	106
1,750 V/C	1470	1314	1122	894	618	377	280	223	188	128	106
1,700 V/C	1560	1422	1290	972	648	400	284	226	190	129	106
1,650 V/C	1686	1512	1344	990	648	400	284	226	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	82,1	75,7	70,3	57,8	42,6	28,3	21,5	17,5	14,8	10,4	8,7
1,870 V/C	95,3	87,6	81	66	47,7	30,9	23,2	18,8	15,9	11,1	9,3
1,850 V/C	104	95,5	88,2	71,2	50,8	32,4	24,2	19,5	16,4	11,4	9,6
1,830 V/C	113	103	95,2	76,3	53,5	33,6	24,9	20	16,9	11,7	9,8
1,800 V/C	127	115	106	83,4	57	34,9	25,6	20,5	17,3	11,9	10
1,770 V/C	140	127	116	89,8	59,5	35,7	26,1	20,8	17,5	12,1	10,1
1,750 V/C	149	135	123	93,6	60,7	36	26,2	21	17,6	12,1	10,2
1,730 V/C	158	143	129	96,9	61,6	36,2	26,4	21	17,7	12,2	10,2
1,700 V/C	171	154	138	101	62,5	36,4	26,5	21,1	17,7	12,2	10,2
1,670 V/C	185	165	147	104	62,9	36,5	26,5	21,1	17,7	12,2	10,2
1,650 V/C	193	172	152	105	63,1	36,6	26,5	21,1	17,7	12,2	10,2
1,630 V/C	202	179	157	106	63,2	36,6	26,5	21,2	17,7	12,2	10,2
1,600 V/C	215	189	163	107	63,3	36,6	26,6	21,2	17,8	12,2	10,2

## Technical drawing



## Cycle life vs. DOD

