

# Sonnenschein A600 blocks / A612/150 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:** NGA6120150VS0FC

### 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 150Ah
<b>Short circuit current</b>	2896 A (IEC60896-21/22)
<b>Internal resistance</b>	6,43 mΩ (IEC60896-21/22)

<b>Terminal</b>	F-M8
<b>Terminal Torque</b>	12 Nm
<b>Container</b>	UL 94-V0 (Polypropylene)
<b>Temperature range</b>	-40°C to 55°C
<b>Dimensions (l x b/w x h)</b>	380 x 206 x 347 mm
<b>Weight</b>	66,9 kg
<b>Origin</b>	La Cartuja, Spain

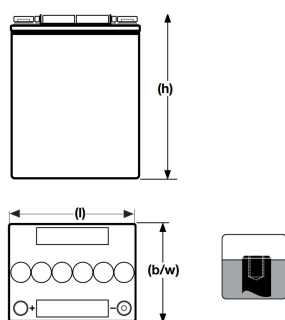
## CONSTANT POWER DISCHARGE

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	1566	1422	1218	1032	720	491	370	301	255	177	146
1,830 V/C	1788	1554	1398	1146	786	517	392	316	268	187	153
1,800 V/C	1968	1716	1548	1212	864	542	415	329	277	191	159
1,750 V/C	2112	1902	1578	1296	912	562	419	335	283	193	159
1,700 V/C	2262	2058	1848	1410	948	593	427	339	285	193	159
1,650 V/C	2454	2196	1944	1422	948	593	427	339	285	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	122	113	106	87	63,9	42,1	31,9	26	22,1	15,6	13,1
1,870 V/C	143	132	123	99,8	71,5	45,9	34,4	27,9	23,6	16,6	14
1,850 V/C	157	145	134	108	76,1	48	35,8	28,9	24,4	17,1	14,4
1,830 V/C	171	157	145	116	80,1	49,7	36,8	29,6	25	17,4	14,7
1,800 V/C	192	176	162	127	85,1	51,7	38	30,5	25,7	17,9	15
1,770 V/C	214	195	178	136	88,9	53	38,8	31	26,1	18,1	15,2
1,750 V/C	228	207	188	142	90,9	53,7	39,1	31,3	26,3	18,2	15,3
1,730 V/C	242	219	198	147	92,5	54,1	39,4	31,5	26,4	18,3	15,4
1,700 V/C	263	237	213	154	94,2	54,6	39,7	31,6	26,6	18,4	15,5
1,670 V/C	283	254	226	159	95,3	55	39,8	31,8	26,7	18,5	15,5
1,650 V/C	297	266	235	161	95,8	55,1	39,9	31,8	26,7	18,5	15,5
1,630 V/C	311	277	243	163	96,2	55,2	40	31,9	26,7	18,5	15,5
1,600 V/C	332	293	253	166	96,6	55,3	40	31,9	26,8	18,5	15,6

## Technical drawing



## Cycle life vs. DOD

