

## Classic OPzS blocks / 12V 2 OPzS 100 LA

### INDUSTRIAL BATTERIES / NETWORK POWER

Classic OPzS batteries have been proven energy suppliers for decades, which convince in robustness, reliability and extremely long design- or cycle life.

**Part Number: NVZS120100WC0FB**

#### APPLICATIONS



#### SPECIFICATIONS

- Very high operational reliability under rough operating conditions
- Low maintenance due to optimised alloy and large electrolyte reserve
- 20 years design life at 20 °C ambient temperature (80 % remaining capacity from C<sub>10</sub>)
- Container made from high quality translucent plastics
- Also available in dry charged condition with separate electrolyte
- Low gassing acc. to EN 50272-2 thanks to the low antimony alloy (< 3%)
- Designed in accordance with IEC 60896-11, DIN 40736 and DIN 40737 T3
- Electrolyte: diluted sulphuric acid dN = 1.24 kg/l
- Manufactured in Europe in our ISO 9001 certified production plants



Design life  
20 years



Block battery



Tubular plate



Recyclable



Low  
maintenance



#### 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

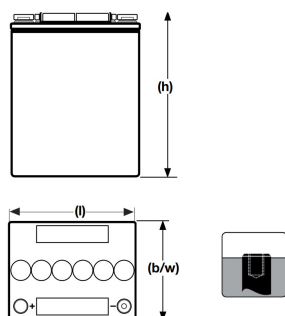
<b>Nominal voltage</b>	12 V
<b>Float charge</b>	2,23 V/C @ 20 °C
<b>Capacity</b>	CC 10h 1,8V/C 20°C 100Ah
<b>Short circuit current</b>	1314 A (IEC60896-21/22)
<b>Internal resistance</b>	9,26 mΩ (IEC60896-21/22)
<b>Electrolyte density</b>	1,24 kg/l

<b>Terminal</b>	F-M8
<b>Terminal Torque</b>	12 Nm
<b>Container</b>	PP (Polypropylene)
<b>Temperature range</b>	-20°C to 55°C
<b>Dimensions (l x b/w x h)</b>	272 x 206 x 347 mm
<b>Weight</b>	43 kg
<b>Acid weight</b>	14 kg
<b>Origin</b>	La Cartuja, Spain

## CONSTANT CURRENT DISCHARGE

A @ 20 °C	5 min	10 min	15 min	30 min	1 h	2 h	3 h	4 h	5 h	6 h	8 h	10 h
1,900 V/C	66,5	58	52,2	41,5	31,5	24,5	17,4	15	13,7	12,5	10,6	8,9
1,870 V/C	80	70	62	50	37,9	27,2	19,9	16,9	15,2	13,7	11,5	9,5
1,850 V/C	87,5	78	69,5	55	41	28,8	21,4	17,8	15,6	14,3	11,8	9,7
1,830 V/C	95	85	77	60	44	30,6	22,8	18,6	16,1	14,6	12,1	10
1,800 V/C	110	96	85	66	49	32,3	24,1	19,6	17,1	15,4	12,5	10,1
1,750 V/C	125	109	95	71	51,3	34	25,9	20,8	18,2	16,2	13	10,2
1,700 V/C	145	122	106	78	54	35	26,7	21,3	18,8	16,6	13,3	10,4
1,670 V/C	156	130	111	81	55	35,3	26,8	21,6	18,9	16,8	13,4	10,4
1,650 V/C	162	135	115	83	55,5	35,5	26,9	21,7	19	16,9	13,5	10,4

## Technical drawing



## Float Voltage vs Temperature

