

Classic OPzS blocks / 12V 1 OPzS 50 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: NVZS120050WC0FB

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 C₁₀)
- 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](#)

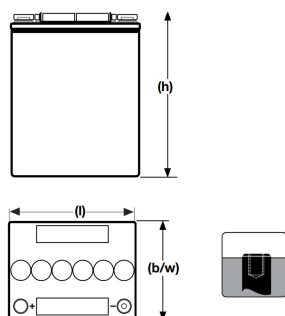
TECHNICAL CHARACTERISTICS AND DATA

Nominal voltage	12 V	Terminal	F-M8
Float charge	2,23 V/C @ 20 °C	Terminal Torque	12 Nm
Capacity	CC 10h 1,8V/C 20°C 50Ah	Container	PP (Polypropylene)
Short circuit current	688 A (IEC60896-21/22)	Temperature range	-20°C to 55°C
Internal resistance	18,1 mΩ (IEC60896-21/22)	Dimensions (l x b/w x h)	272 x 206 x 347 mm
Electrolyte density	1,24 kg/l	Weight	34 kg
		Acid weight	15 kg
		Origin	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	32	29	25	21,3	16,1	11,7	9,7	8,2	7	6,3	5,6	5
1,870 V/C	40	35	31	25,5	19,4	13,6	11,2	9,3	8,2	7,2	6	5,5
1,850 V/C	44	39	35	28,2	21	14,2	11,7	9,8	8,5	7,5	6,3	5,6
1,830 V/C	48	43	39	31	22,8	15,3	12,2	10,2	8,8	7,8	6,5	5,8
1,800 V/C	57	49	44	34	25,2	17,1	13,5	11	9,5	8,2	6,9	5,9
1,750 V/C	65	56	48	36	26,5	18,4	14	11,6	9,8	8,6	7,2	6,2
1,700 V/C	75	62	54	39	27,3	18,5	14,4	11,8	10	8,7	7,3	6,3
1,670 V/C	80	66	56	40	27,7	18,7	14,5	11,9	10	8,8	7,3	6,3
1,650 V/C	83	68	58	41	27,9	18,8	14,5	11,9	10	8,8	7,3	6,3

Technical drawing



Float Voltage vs Temperature

