

# Exide OPzS cells

Vented lead-acid batteries

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**EXIDE**  
TECHNOLOGIES

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## TYPICAL APPLICATIONS

- ✓ Telecommunications
- ✓ Power supply systems
- ✓ Renewable Energy
- ✓ Emergency lighting
- ✓ Universal energy storage

## PRODUCT BENEFITS

- ✓ High energy efficiency
- ✓ Low self-discharge (<3% / month)
- ✓ Easy handling and installation

## PRODUCT FEATURES

- ✓ Low maintenance
- ✓ Range of Performance (C10): 128 Ah - 3350 Ah
- ✓ 12 V and 6 V Block-batteries
- ✓ 2 V cells
- ✓ Operating Temperature: -20°C to +40°C
- ✓ 100% recyclable
- ✓ Best discharge properties in the one-hour and multi-hour range
- ✓ Good cycle characteristics
- ✓ Positive high-performance tubular plates with lead-antimony alloy < 3%, negative grid plates
- ✓ Crystal clear SAN housing and ABS lid
- ✓ Fully insulated flexible cable connectors for quick and easy installation
- ✓ M8 pole screws with measuring point
- ✓ Optional ceramic and ceramic funnel plugs available

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Type	Voltage	Capacity C <sub>10</sub>	Discharge at 20°C			Dimensions			Weight	Terminal	Internal Resistance (mΩ)	Short-circuit current (A)
			8 h	3 h	1 h	L	W	H				
20PZS100LA	2	105 Ah	15,30	32,80	61,50	105	208	395	13,7	F-M8	1,45	1400
30PZS150LA	2	158 Ah	20,10	42,90	79,20	105	208	395	15,2	F-M8	1,05	1950
40PZS200LA	2	210 Ah	25,60	54,60	101,20	105	208	395	16,6	F-M8	0,83	2450
50PZS250LA	2	260 Ah	31,60	66,90	123,80	126	208	395	20	F-M8	0,72	2850
60PZS300LA	2	310 Ah	37,40	79,00	145,70	147	208	395	23,3	F-M8	0,63	3250
50PZS350LA	2	380 Ah	45,60	93,10	172,20	126	208	511	26,7	F-M8	0,63	3250
60PZS420LA	2	455 Ah	54,60	111,50	200,20	147	208	511	31	F-M8	0,56	3650
70PZS490LA	2	530 Ah	63,60	129,90	228,50	168	208	511	35,4	F-M8	0,5	4100
60PZS600LA	2	680 Ah	80,20	156,40	271,30	147	208	686	43,9	F-M8	0,47	4350
70PZS700LA	2	750 Ah	88,50	172,50	299,30	147	208	686	47,2	F-M8	0,43	4800
80PZS800LA	2	910 Ah	108,30	211,10	377,70	212	193	686	59,9	F-M8	0,3	6800
90PZS900LA	2	980 Ah	116,60	227,40	406,70	212	193	686	63,4	F-M8	0,27	7500
100PZS1000LA	2	1140 Ah	135,10	263,30	464,00	212	235	686	73,2	F-M8	0,26	7900
120PZS1200LA	2	1370 Ah	161,70	315,10	546,60	212	277	686	86,4	F-M8	0,23	8900
120PZS1500LA	2	1700 Ah	201,00	374,00	578,00	212	277	836	108	F-M8	0,24	8500
140PZS1750LA	2	1800 Ah	212,00	396,00	612,00	212	277	836	114	F-M8	0,22	9300
160PZS2000LA	2	2250 Ah	265,00	495,00	798,00	212	400	812	151	F-M8	0,16	12800
180PZS2250LA	2	2450 Ah	289,00	539,00	848,00	215	400	812	158	F-M8	0,14	14600
200PZS2500LA	2	2800 Ah	330,00	616,00	993,00	215	490	812	184	F-M8	0,12	17000
220PZS2750LA	2	3000 Ah	354,00	660,00	1065,00	215	490	812	191	F-M8	0,11	17800
240PZS3000LA	2	3350 Ah	395,00	737,00	1160,00	215	580	812	217	F-M8	0,11	18600

## APPLICATION AND INSTALLATION

- ✓ Recommended float charge voltage: 2.23 V/cell at 20°C ambient temperature
- ✓ Heavy charge: 2.4 V/cell at 20°C
- ✓ Storage Period without recharging: 3 months (<20°C)
- ✓ Installation possible in a cabinet or rack
- ✓ Torsional Moment: 20 Nm
- ✓ No dangerous goods in road traffic if the relevant regulations are observed

## STANDARDS

- ✓ IEC 60896-11
- ✓ DIN 40736-1
- ✓ EN 50272-2
- ✓ ISO 9001
- ✓ ISO 140012

Technical changes reserved.. 12/2024