



TUBULAR FLOODED BATTERIES - CZS



TUBULAR FLOODED BATTERY APPLICATIONS

CZS series is our OPzS battery range. They are built with tubular flooded lead acid technology, developed with a robust construction for applications demanding regular deep discharges, such as:

- Renewable energy
- Telecommunications
- Transportation signaling
- Automation & measuring system
- Data centers and radio rooms

Volts available: 2V

Capacities: from 100 Ah up to 3,000 Ah

Operating temperature: from -20°C to +55°C

Design life: 20 years

OPzS BATTERY BENEFITS

Canbat tubular flooded batteries are designed to provide cost effective energy solutions with over 3500 cycles, at a 50% depth of discharge. OPzS are characterized by long service life, outstanding capacity performance and low maintenance requirements, with reduced topping up needs. They are excellent for installations in high temperature environments or in areas with an unstable power source.

Here is a sample selection of the batteries available in the CZS series, please visit www.canbat.ca for the full range.

Model	Voltage (V)	Capacity (Ah)	Length		Width		Height		Total Height		Weight	
			MM	IN	MM	IN	MM	IN	MM	IN	KG	LBS
CZS100-2	2	100	103	4.06	206	8.11	355	13.98	410	15.35	8.10	39.68
CZS150-2	2	150	103	4.88	206	8.11	355	13.94	410	15.35	10.80	48.50
CZS200-2	2	200	206	5.71	103	8.11	355	13.98	409	15.35	12.90	57.32
CZS250-2	2	250	124	4.88	206	8.11	355	18.54	410	19.92	15.40	63.93
CZS300-2	2	300	145	5.71	206	8.11	355	18.54	410	19.92	18.50	74.96
CZS350-2	2	350	124	6.54	206	8.11	471	18.54	526	19.92	21.00	85.98
CZS420-2	2	420	145	6.54	206	8.11	471	18.54	526	19.92	24.50	78.26
CZS490-2	2	490	166	5.71	206	8.11	471	25.43	526	26.81	28.20	101.41
CZS600-2	2	600	145	7.52	206	8.27	646	25.43	701	26.81	33.40	142.20
CZS800-2	2	800	191	9.17	210	8.27	646	25.43	701	26.81	46.90	173.06
CZS1000-2	2	1000	233	10.83	210	8.27	646	25.43	701	26.81	57.40	205.03
CZS1200-2	2	1200	275	10.83	210	8.27	646	31.34	701	32.72	67.70	253.53
CZS1500-2	2	1500	275	15.71	210	8.27	796	30.39	851	31.77	83.80	341.72
CZS2000-2	2	2000	399	19.17	214	8.35	772	30.39	827	31.77	110.00	432.11
CZS2500-2	2	2500	487	22.68	212	8.35	772	30.39	827	31.77	139.40	511.47
CZS3000-2	2	3000	576	11.61	212	7.01	772	15.94	827	16.06	164.80	114.64

EFFECTIVE ENERGY SOLUTION

OPzS batteries are similar to OPzV batteries in the sense that they both use tubular plate technology. Both battery types are used for similar applications, generally for demanding industrial projects in: telecommunications, computing, power generation and distribution, railway, airport and seaport signalling, emergency lighting, automation and measuring systems. The main difference is that OPzV batteries utilize gel technology in a sealed container, requiring zero maintenance, while OPzS batteries are flooded and require low maintenance from time to time. Canbat OPzS batteries are very popular across Canada and around the world for their top-performance. They are also well-known for their utilization of extremely corrosion-resistant alloy, eliminating intergranular corrosion, which is one of the most common causes of cell failure. Our OPzS batteries are designed and engineered in Canada, offering high operational reliability and excellent cyclability.

