



## TECHNICAL PARTICULARS

TUBULAT GEL OPzV BATTERIES		Capacity					Ri (m)	Dimension (mm)			Lead Weight (kg)	Gross Weight (kg)
SR.NO.	Model Name	C8 @ 25°C (1.80V/Cell)	C8 @ 25°C (1.77V/Cell)	C5 @ 25°C (1.77V/Cell)	C3 @ 25°C (1.75V/Cell)	C1 @ 25°C (1.67V/Cell)		Length	Width	Height		
1	ZP4 OPzV 200	238	232	211	188	140	1.2	105	208	420	13	19.5
2	ZP5 OPzV 250	298	291	263	235	174	0.96	126	208	420	15	23.5
3	ZP6 OPzV 300	356	349	319	281	209	0.8	147	208	420	19	28
4	ZP5 OPzV 350	427	416	371	324	234	0.71	126	208	535	21	31
5	ZP6 OPzV 420	512	499	448	389	281	0.6	147	208	535	24	36.5
6	ZP7 OPzV 490	597	583	520	454	329	0.51	168	208	535	27	42
7	ZP6 OPzV 600	729	710	633	562	402	0.45	147	208	710	34	50
8	ZP8 OPzV 800	972	948	845	751	537	0.34	215	193	710	45	68
9	ZP10 OPzV 1000	1215	1187	1056	936	670	0.27	215	235	710	55	82
10	ZP12 OPzV 1200	1463	1417	1267	1125	804	0.23	215	277	710	65	97
11	ZP12 OPzV 1500	1669	1648	1437	1239	893	0.24	215	277	855	80	120
12	ZP16 OPzV 2000	2225	2200	1916	1650	1191	0.18	215	400	815	107	160
13	ZP20 OPzV 2500	2781	2752	2395	2064	1488	0.14	215	490	815	133	200
14	ZP24 OPzV 3000	3337	3304	2874	2475	1786	0.12	215	580	815	160	240

\* Any data, description or specification mentioned above are subject to revision by Z-Power Impex Pvt. Ltd. - India. While such information is believed to be accurate as mentioned above, Z-Power makes no guarantee and hereby disclaims all gurantees, express or implied with regard to the accuracy or completeness of such information. The user is solely responsible for determining the suitability of the product(s) mentioned above, user intended and in user specific application.

### OPzV Batteries

Z-Power offers Tubular Gel OPzV and OPzS batteries with a wide range of capacity options ranging from 2V 200AH to 2V 3000AH. These OpzV cells are Valve Regulated (VRLA) and are designed to provide superior performance for High Cyclic operations and Deep Cycling. These cells are made of high grade pure materials at state of the art manufacturing facility in India. It has thicker spines for Positive Tubular Plates casted at 150 bar pressure to ensure better compression and packing of Lead ensuring battery life cycle of 20+ years. No Acid stratification and failure due to partially state of charge and Gelled Electrolyte.

#### Key Features:

- Positive Electrodes with polyester gauntlet,
- PbCaSn Alloy with life expander material,
- Valve with flame arrestor,
- Flat Copper Connectors,
- Designed standby / float life of 20+ Years,
- Spill and Leak Proof Construction,
- Complete Maintenance Free operations. No Water Top-Up,
- Wide Operating Temperature Range (-20°C to +45°C)\*.

#### Applications:

- Wind Mills & Hydro Projects,
- Deep Cycling Services & Industrial Standby,
- Solar & UPS Systems,
- Oil and Gas Industry,
- Radio Base Station & Railway Signaling,
- Telecommunication.