



Z-POWER



GEL VRLA Batteries

Z-Power GEL VRLA Batteries are maintenance free batteries with specially & carefully made with Acid electrolyte and pyrogenic silica Gel electrolyte. Battery grids are casted from Lead-Calcium-Tin-Silver alloy with large surface area, along with micro porous separators ensures optimum result in high corrosive resistance and ultra low self discharge.

Z-Power Gel VRLA Batteries provides much more cyclic life than conventional Gel batteries and AGM VRLA Batteries. Due to its Gel electrolyte properties, it can be operated well in high ambient temperature conditions. These characteristics makes it as an ideal choice for Solar applications and UPS applications that requires longer time power outage back-up under high operating temperatures.

Therefore, these batteries are ideal for geographically high temperature zone such as Indian terrain, Africa, Gulf countries as well as much of South East Asia.

Key Features:

- Design life of 10+ years at 27°C, depending upon the model,
- Superior Lead-Calcium-Tin-Silver Alloys with High Density active materials,
- Excellent Corrosion Resistance,
- Micro-porous Synthetic Separators,
- Valve Regulated Maintenance Free operations,
- Excellent cyclic performance with quick charge acceptance after deep discharge,
- Ultra Low thermal run away effect due to Silica Gel,
- Completely Sealed Leak Proof battery container,
- High impact ABS Casing,
- High purity of materials - Ultra Low Self Discharge.

Applications:

- All kinds of Solar Applications,
- Wind and Thermal power stations,
- Electric & Recreational Vehicles,
- Golf Carts & Marine Boats,
- Railway Signaling,
- Emergency Lighting,
- Telecommunications,
- UPS & Online UPS,
- Network Communication Equipments,
- Radar & Satellite Stations,
- Home Inverters,
- Medical Equipments.

"It always seems impossible, until its done..." - Nelson Mandela.

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Made for Deep Discharge



» TECHNICAL PARTICULARS

GEL VRLA	Capacity (AH) @ 27°C				Dimensions (mm) ± 3mm				Normal Charging Current (A)	Short Circuit Current (A)	Battery Weight (Kg) ± 3%	Terminal Type
	20 hr 10.5V	10 hr 10.5V	5 hr 10.5V	1 hr 10.2V	Length	Width	Height	Total Height				
ZPSMF-G12/35	37.00	35.00	29.05	19.25	197.00	165.00	179.00	179.00	3.50	555.00	15.40	T6
ZPSMF-G12/50	53.00	50.00	41.50	27.50	349.00	167.00	190.00	192.00	5.00	795.00	19.30	T6
ZPSMF-G12/55	58.00	55.00	45.65	30.25	349.00	167.00	190.00	192.00	5.50	870.00	22.30	T6
ZPSMF-G12/65	68.00	65.00	53.95	35.75	331.00	173.00	223.00	225.00	6.50	1020.00	27.00	T6
ZPSMF-G12/85	90.00	85.00	70.55	46.75	405.00	172.00	226.00	226.00	8.50	1350.00	32.30	T8
ZPSMF-G12/100	105.00	100.00	83.00	55.00	485.00	170.00	242.00	242.00	10.00	1575.00	42.30	T8
ZPSMF-G12/125	131.00	125.00	103.75	68.75	522.00	238.00	219.00	225.00	12.50	1875.00	49.80	T8
ZPSMF-G12/150	158.00	150.00	124.50	82.50	522.00	238.00	219.00	225.00	15.00	2250.00	58.10	T8
ZPSMF-G12/175	184.00	175.00	145.25	96.25	522.00	238.00	219.00	225.00	17.50	2760.00	64.40	T8
ZPSMF-G12/200	210.00	200.00	166.00	110.00	522.00	238.00	219.00	225.00	20.00	3150.00	72.10	T8

* 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.

"Good, Better, Best... never let it rest. Til your good is better, and your better is best..." - St. Jerome.