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"Led by TECHNOLOGY
powered by PEOPLE"



SMF VRLA BATTERY

Sealed Maintenance Free Batteries

Product Ranges: 6V / 4.5Ah & 5Ah, 12V 4.5Ah to 12V / 200Ah



AGM VRLA TECHNOLOGY

SMF VRLA batteries are tested as per **IS15549**,
JISC8702 & IEC60896-2 standards and
certified by **CPRI** as per **IEC60896** Standard
(Central Power Research Institute, Bangalore)

www.jcbattery.net



**JAYACHANDRAN
INDUSTRIES (P) LTD**

We are an **ISO 9001:2015** (Quality Management System), **ISO 14001:2015** (Environmental Management System), and **ISO 45001:2018** (Occupational Health & Safety Management System) certified company engaged in the manufacturing of a comprehensive range of Automotive Batteries, Flat Plate Inverter Batteries, Solar & UPS Tubular Batteries, SMF VRLA Batteries and E-Rickshaw Batteries.

Incorporated in 2009, our company is backed by over **39 years of experience** in the lead and battery industry through the expertise of our founders and management team. With a dedicated workforce of more than **200 employees**, we combine decades of industry knowledge with advanced manufacturing practices to deliver high-performance energy storage solutions to customers across domestic and international markets.

Our state-of-the-art manufacturing facility is strategically located in Coimbatore, Tamil Nadu, India, with a current installed annual production capacity of 1 million batteries. The facility is spread across **407,286 sq. ft. (37,838 sq. m.)**, equivalent to approximately **9.35 acres**, and has been designed to support future expansion of manufacturing capacity up to **5 million batteries per annum**, enabling us to meet growing market demand.

Driven by a strong commitment to quality, continuous improvement, technological innovation, environmental sustainability, and occupational health and safety, we consistently strive to deliver reliable, high-performance products that meet the evolving requirements of our customers. Our focus on operational excellence, customer satisfaction, and sustainable manufacturing practices positions us as a trusted partner in the energy storage industry.



Battery Production Unit



Battery Charging Section



Oxide Mill



Grey Oxide



Red Oxide

Technical parameters of JC SMF VRLA

Battery	Capacity	Volts	Product Overall Dimension(mm)		
			L	W	H
JCSMFVRLA6-4.5	4.5 Ah	6	71	48	105
JCSMFVRLA6-5	5 Ah	6	71	48	105
JCSMFVRLA12-4.5	4.5 Ah	12	90	70	105
JCSMFVRLA12-7	7 Ah	12	151	65	100
JCSMFVRLA12-7.5	7.5 Ah	12	151	65	100
JCSMFVRLA12-9	9 Ah	12	151	65	100
JCSMFVRLA12-12	12 Ah	12	153	99	105
JCSMFVRLA12-18	18 Ah	12	180	75	165
JCSMFVRLA12-26	26 Ah	12	165	175	126
JCSMFVRLA12-42	42 Ah	12	195	165	175
JCSMFVRLA12-65	65 Ah	12	347	167	175
JCSMFVRLA12-75	75 Ah	12	347	167	175
JCSMFVRLA12-85	85 Ah	12	330	174	230
JCSMFVRLA12-100	100 Ah	12	330	174	230
JCSMFVRLA12-120	120 Ah	12	408	172	240
JCSMFVRLA12-150	150 Ah	12	485	170	240
JCSMFVRLA12-200	200 Ah	12	510	235	230

Note: Tolerance for dimension is +/- 5mm. Specifications are subject to change without prior notice.

PRODUCT FEATURES

- High purity calcium- calcium alloy.
- Absorbed glass-mat separator with high porosity & good wicking characteristics.
- Works effectively through oxygen-recombination technology.
- Excellent maintenance-free characteristics.
- Equipped with safety-valve regulated system.
- ABS containers to withstand high pressure of vent valve opening.
- Factory charged batteries with excellent computer controlled charging system.
- Design facilitates high discharge characteristics.
- Excellent spill-proof batteries.
- No corrosive gas generation.
- Lower self-discharge which eventually results in good shelf-life.

APPLICATIONS

- Weighing scales / Vending Machines
- Online UPS / UPS Systems
- Telecommunication equipments
- Emergency lights
- Solar lanterns / Electronic products
- Data centres
- Medical & Testing Laboratories
- Fire Alarm & Security Systems



OTHER RANGE OF BATTERIES

JC Tubular Batteries

Unlock a new level of packed power with JC Tubular Batteries, meticulously designed with robust Tubular Technology.

Product Ranges: (12V) : 40 Ah, 60 Ah, 80 Ah, 100 Ah, 150 Ah, 200 Ah



JC Automotive Batteries

Discover the ultimate power with JC Batteries -your trusted source for high-performance automotive batteries, offering an extensive range of JIS and DIN standards.

Product Ranges: (12V) : 32Ah, 35 Ah, 44Ah, 55Ah, 60 Ah, 65 Ah, 75 Ah, 88 Ah, 100 Ah, 120 Ah, 130 Ah, 150 Ah, 180 Ah, 200 Ah



JAYACHANDRAN INDUSTRIES (P) LTD.

Manufacturers of Automotive Batteries, UPS / Solar Batteries, SMF VRLA Batteries & E-Rickshaw Batteries

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