

## Batteries

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Providing high quality  
products to the global  
power industry

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[www.msscomponents.com](http://www.msscomponents.com)





# Commercial Strategy

## Company Profile

With a history dating back over 50 years, MSS Group leads the way in providing high quality components and assemblies for the global power industry.

In conjunction with our four state-of-the-art manufacturing facilities in India and an extensive global distribution infrastructure in the UK, US, Europe and Asia, we can provide a comprehensive service to our customers. Allowing them to consolidate their supply chain, reduce their inventory and overheads and assist with business cash flows.

MSS Group continuously strives to add value through our dedicated R&D facilities, production innovation and a robust quality control department.

## Quality Assurance

At the MSS Group our subsidiaries are ISO 9001, ISO 14001 and ISO 45001 approved organisations and implement 6Sigma throughout all of their internal operations. We are also a IAF 16949 certified company, demonstrating our commitment to quality products, services and best practice. We are regularly recognised and awarded by our global partners.

## Partnership and Collaboration Working with our customers

We specialise in supplying customers with products made precisely to their specification. Our experienced team ensures our partners are supported in enhancing the performance of their processes, products and services.

Together, we strive to overcome even the most demanding challenges in order to succeed.





# CSR and Sustainability

## CSR, thinking about our employees, stakeholders and the wider environment



### Environment

- Committed to creating a sustainable future
- Adopting cleaner production methods, promoting efficient use of energy and environmentally friendly technologies
- Offsetting Carbon footprint through large scale tree planting and other Co2 offsetting activities
- 25% of our groups current power consumption derives from solar panels, with a planned increase to over 30% by 2021
- 90% of our lead and 100% of our brass supply comes from recycled material. Any wooden material from packing is recycled to make boxes for DCB project shipments



### People

- The MSS group employs over 600 people globally
- Health and Safety Week with competitions and lectures
- Learning and development programmes adapted to suit the needs and interest of our employees
- Celebration on Environment Day 2019



### Community

- Funded special projects for the local Salvation Army
- Blood Donation Camp
- Donations to Local Schools
- Donations to Prime Minister Relief Fund
- Donations to Tata Memorial Centre
- Donations to Rural Education
- Promotion of Education & Eradicating hunger
- For financial year FY19 the group has donated \$100,000 for CSR activities





# Product Offering Overview

## Motive/Traction Power



**Traction Cell Pillars**



**Injection Moulded Plastic Components**



**Take Off Lead**



**Copper Rigid Connectors**



**Plastic Head Bolts**



**Flexible Cable Connectors**



**Machined Parts - Brass Inserts**



**Sealing Washer Grommets**





# Product Offering Overview

## UPS Systems



**OPzV/OPzS  
Pillar**



**Machined Parts -  
Brass Inserts**



**Flexible Cable  
Connectors**



**Copper Rigid  
Connectors**



# Product Offering Overview

## Automotive



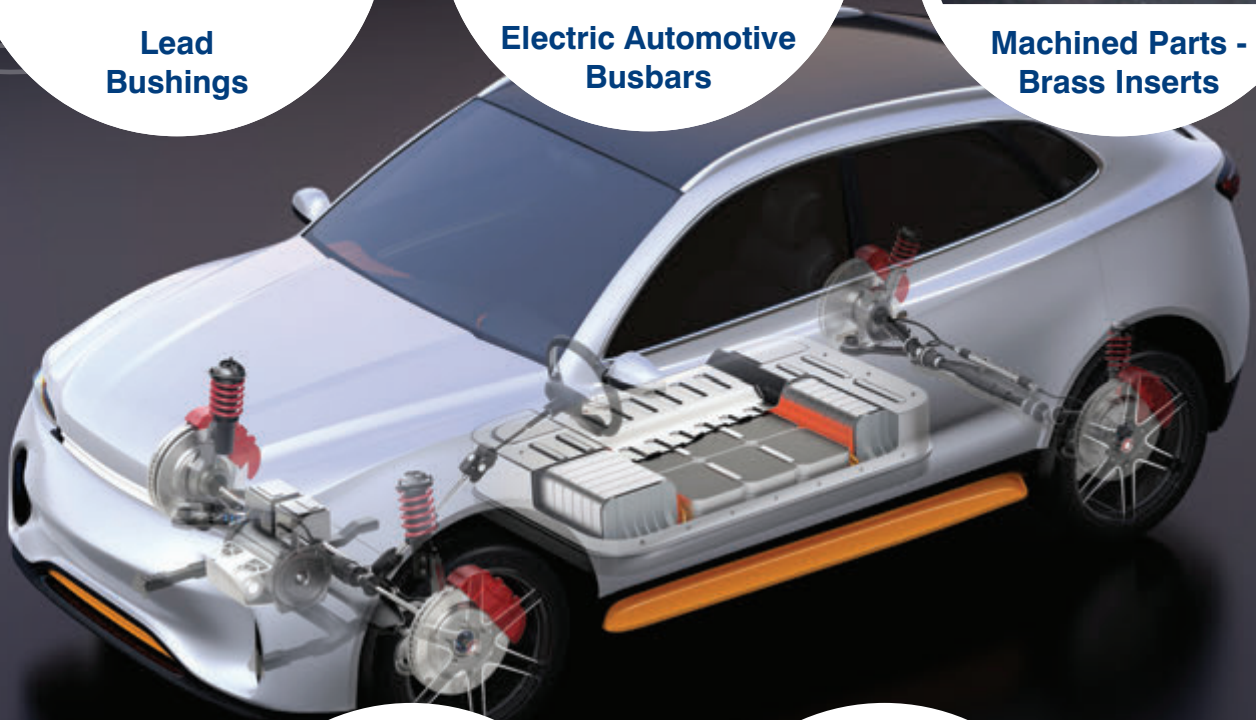
**Lead  
Bushings**



**Electric Automotive  
Busbars**



**Machined Parts -  
Brass Inserts**

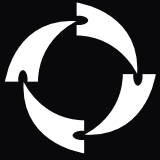


**Braided  
Connectors**



**Injection Moulded  
Plastic  
Components**



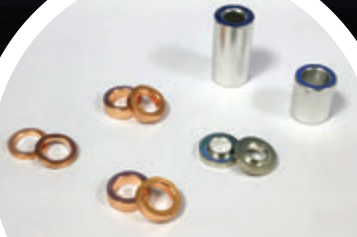


# Product Offering Overview

## Li-ION



**Copper Busbars**



**Copper Bushings**



**Copper Flexibles**



**Hex Pole Adapters**



**Li-ION Copper Busbars**



**Copper Braid**



# State of the Art Manufacturing Facilities

Over \$4m  
invested in  
machinery  
in 2019



## Investing in Machinery

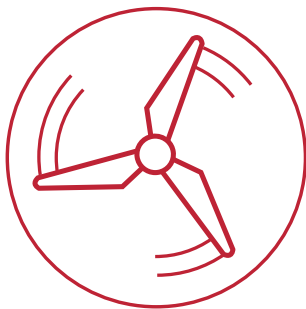
The MSS Group's Quality Assurance Systems main aim is to ensure customer satisfaction at all stages. With over \$4m invested in machinery in 2019, our customers can be assured of the highest quality production processes in the market.

- **Spectrometer for chemical analysis of raw material**
- **Two XRF double layer plating thickness testers**
- **Conductivity/Resistance meter – Fischer scope**
- **Micro hardness testing machine**
- **Roughness measuring machines**
- **Tensile testing machine**
- **Vision scope for reverse engineering & development**
- **Micro Ohm Resistance Meter**
- **Milivolt Drop Tester: Bolted Cable Connectors**
- **Milivolt Drop Tester: Cast Pillar**



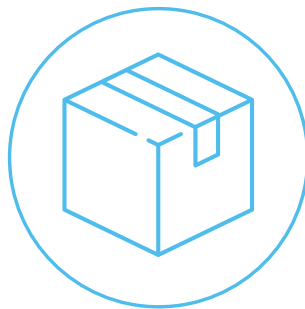


# Distributors, Manufacturing and Sales Agents Locations



## Manufacturing

📍 India



## Distributors

📍 Germany  
📍 UK  
📍 USA



## Sales

📍 Germany  
📍 India  
📍 Japan  
📍 Mexico  
📍 Russia  
📍 Thailand  
📍 UK  
📍 USA



## Global Partners, Awards and Recognitions



**MSS India has won many awards for its performance as a leading Indian manufacturer & exporter:**

- Schneider Electric Supplier Meet MV & LV Equipment 2019
- Siemens Appreciation Award for Best Overall Performance 2018
- GE Certificate of Appreciation 2018
- Lucy Electric Supplier Meet 2018 - Partnership for Mutual Progress and Prosperity
- Excellence Award for GE. Belief Stay Lean to go Fast 2017
- Siemens Certificate for Appreciation for valued contribution and long-term association 2017
- India Export Awards Star Performer Large Enterprise 2015-16
- ABB Supplier of the Year 2015
- EEPC India Star Performer Award 2014-15
- SDS SUPPLIER MEET 2011 (AREVA) - Support for Cost Reduction Initiative with on Time Delivery and Quality
- Schneider Electric elected MSS India as Preferred Supplier, 2011
- Certificate of Export Recognition 2009-2010
- NIMA (Nasik Industries & Manufacturers' Association) Excellence Award 2007-08
- Engineering Achievement Award from Institution of Engineers, India 2008





# Contact Us



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