Electric Vehicle Components & Connections

We are able to assist you with deisgn, manufacture and assembly of your components for EV applications in copper, aluminium and other materials. We have the capacity to produce in small or large volumes a full range of specific products.

Applications

- EV Battery Pack Assemblies
- EV Cells
- EV Charger connections
- EV Grid Connections
- EV Electrification

Operational Features

High conductivity materials
Low temperature rise
Premium grade copper and aluminium
Silver or tin plated contact areas
Flexible manufacturing facility for small or large batch manufacturing
Laminated or braided flexible connectors can be integrated into the design
High grade insulation materials are used
Detailed quality checks at all stages of the manufacturing process
Tailored logistical delivery solutions to individual customer requirements
Effective aftersales customer service team

YOU DESIGN IT, WE MANUFACTURE IT

Talk to us about your design, submit your drawings and technical requirements to MSS and let us quote competitively

enquiries@mssproducts.com
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Contact Details

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Manufacturing Complex
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Nasik,
Maharashtra,
India, 422 010

Websites

www.mssproducts.com
www.mssindia.co.in

Standard Equipement Specifications

Metals

	Manufacturing Standard	Grade		Primairy Material %	Mass Resistivity
Copper	BS EN 13601	CW004A	Cu-ETP	99.90	0.155 9
		CW009A	Cu-OFE	99.99	0.153 3
Aluminium	BS EN 573	6101-T6		97.2-99.2	0.035 x10^-6 Ω .m

Plating

	Process Standard	Standard Thickness
Silver	ISO 4521	5 – 10 Micron
Tin	BS 1871	5 – 10 Micron

Insulation

- The electrical insulation materials used by MSS EV Components provides superior insulation enhancement and protection against flashover and accidentally induced discharge.
- Good thermal emissivity
- Excellent anti-tracking properties
- Excellent insulation and long term reliability at high continuous operating temperatures
- Flame retardant and halogen-free
- UL approved

Rating	Thermal endurance	Dielectric strength	Smoke Index	Flammability
Up to 25 KV	IEC 216	ASTM D149 IEC 243	NES 711	ANSI C37.20 IEEE-27