AP Precision Metals Pioneers Aluminum Busbars for Solar Power, Redefining Energy Solutions

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AP Precision Metals Inc., a leader in metal manufacturing, has announced an exciting development in their business. They are now taking a bigger role in supplying heavy busbar solutions to major solar and battery companies throughout North America. On top of that, they've landed a contract to provide aluminum busbars to one of the continent's largest inverter manufacturers. This move really boosts AP Precision Metals' stature as a key player in renewable energy and power distribution.

AP Precision Metals' commitment to excellence is further exemplified by their state-of-the-art manufacturing facilities and comprehensive service offerings. They provide full-scale metal solutions with over two decades of industry experience, specializing in fabrication, cutting, welding, painting, finishing, assembly, kitting, OEM supply, and quality assurance. More details about their diverse range of services can be found at AP Precision website.

There's a solid reason for choosing aluminum over copper when making busbars. Aluminum busbars can cut costs by as much as 40% compared to copper, offering an edge without compromising performance. Aluminum boasts excellent conductivity per weight, and by enlarging their cross-sectional area, aluminum

can meet the same conductivity needs usually handled by copper. This makes aluminum busbars a great choice for industries that care about cost, weight, and performance.

Joe, a spokesperson for the company, shared his thoughts, saying, "Our ability to supply high-quality aluminum busbars to key industry players underscores AP Precision Metals' dedication to supporting sustainable energy initiatives. As the demand for renewable energy sources increases, our commitment to efficient and cost-effective manufacturing solutions remains unwavering."

The appeal of aluminum busbars is also tied to their durability. They're lightweight and recyclable, which helps lower the environmental impact. Their resistance to corrosion means they last longer and need less maintenance, offering a practical solution for projects that depend on reliable electrical distribution parts.

In terms of busbar maintenance, maintaining aluminum busbars tends to be simpler compared to their copper counterparts. A maintenance guide from AP Precision Metals outlines valuable tips to ensure these busbars last. Key practices include consistent inspections for oxidation or corrosion, cleaning to avoid overheating, and using suitable cleaning agents. Regular check-ups can catch wear and tear early, stopping problems before they start and ensuring electrical systems keep running smoothly.

Aluminum's lower density makes electrical trunking systems lighter, cutting down on shipping costs and making installations simpler. This is especially handy in big industrial setups where reducing weight can offer big logistical advantages.

Considering all these benefits, the ongoing choice between aluminum vs copper busbar solutions is clear for many businesses aiming to fine-tune their electrical distribution setups. AP Precision Metals leads this shift, offering expert advice and high-grade products that stand up to the tough requirements of modern electrical infrastructure.

AP Precision Metals is dedicated to promoting the use of aluminum in busbar production, benefiting both the environment and the economy. As getting the most stability and cost-effectiveness grows more important in renewable energy, aluminum busbars offer a smart option that fits with future-focused planning.

Joe further remarked, "Our partnership with leading solar and battery companies is a testament to our capabilities and the trust placed in us by industry leaders. We're excited to contribute to the innovation and growth within these sectors by delivering products that exceed expectations in terms of quality and performance."

With their proven record in manufacturing and focus on aluminum as an industry benchmark, AP Precision Metals is in a great spot to keep supporting sustainable energy initiatives. By providing products that not just

meet but surpass industry standards, the company is leading the push for greater use of aluminum busbars across various fields.

AP Precision Metals' dedication to offering top-notch aluminum busbar solutions marks an important move in supporting North America's energy framework. As the energy market keeps changing, choosing materials like aluminum vs copper busbar solutions remains a key part of effective power distribution plans. Busbar maintenance, particularly for aluminum, is essential in ensuring these systems remain efficient and reliable.
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AP Precision Metals Inc.

AP Precision Metals, Inc. was founded in 1998 by Lane Litke and Victor Miller out of a necessity for reliable metal products for their growing robotics company.

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