



XURI-M166-9BB-PERC: The Evolution of High-Efficiency Solar Cell Architecture

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Breaking Down the 9-Busbar PERC Innovation

When you hear "XURI-M166-9BB-PERC", think of it as the Swiss Army knife of solar cells - a meticulously engineered solution combining proven PERC technology with cutting-edge 9-busbar design. This architecture isn't just about incremental improvements; it's redefining how sunlight converts to electricity in commercial solar farms.

Technical Specifications That Matter

22.8% Average Conversion Efficiency - Outperforms standard PERC cells by 1.2%

9-Busbar grid design reduces resistive losses by 37% compared to 5BB layouts

Dual-layer SiNx/AlOx passivation stack

Light-induced degradation (LID)

Web: <https://silichibaby.co.za>