



Era 400W PERC Monocrystalline Solar Panel: 24V High-Efficiency Solution

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Why Modern Homes Need Smarter Solar Technology

Did you know traditional solar panels waste up to 18% of captured sunlight through inefficient energy conversion? The 400W PERC monocrystalline solar panel solves this pain point with a groundbreaking 22% efficiency rate - 35% higher than polycrystalline models. Designed for 24V systems, this innovation is reshaping renewable energy adoption from German suburbs to Australian farms.

Unmatched Performance in Compact Design

Our ERA series combines monocrystalline silicon with Passivated Emitter Rear Cell (PERC) technology, achieving 400W output within a 2x1m frame. Key breakthroughs:

Low-light efficiency: Generates 150W even at 200W/m² irradiance (common in UK winters)

Temperature coefficient: -0.34%/°C vs industry-standard -0.45%/°C

PID resistance:

Web: <https://twojediy.com.pl>