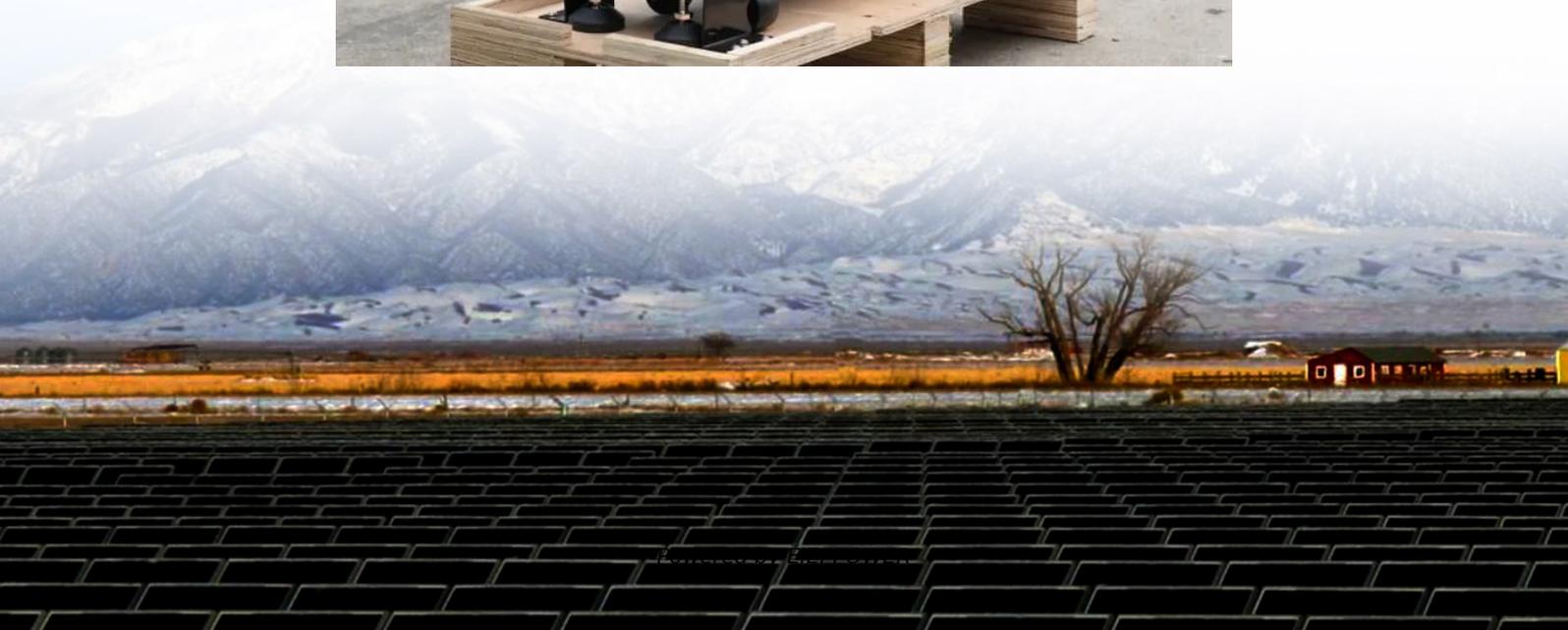


# Smart solar panel charging prices in North America





## Overview

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Cost Savings: Reduce charging costs by 70% compared to grid electricity  
Installation Cost: Home systems range from \$799 to \$19,999 depending on capacity  
What is a Smart EV charger?

Electric vehicle chargers are becoming more sophisticated as manufacturers seek to make EV charging easier and more cost-effective for homes and businesses. Smart EV chargers allow automatic charging to occur when electricity prices are low or when solar power is being generated.

Should you use a home solar system for EV charging?

EV charging using a home solar system appeals to many people as it dramatically reduces the vehicle's operating cost and increases self-sufficiency. However, this is difficult if you cannot optimise the charging rate to match your solar generation.

Are Smart EV chargers right for You?

For example, many level-2 home chargers have a maximum charging rate of 7kW, but most residential solar inverters are rated at 5kW, and the amount of solar may be far less, especially during poor weather. Luckily, this is where smart EV chargers can help.

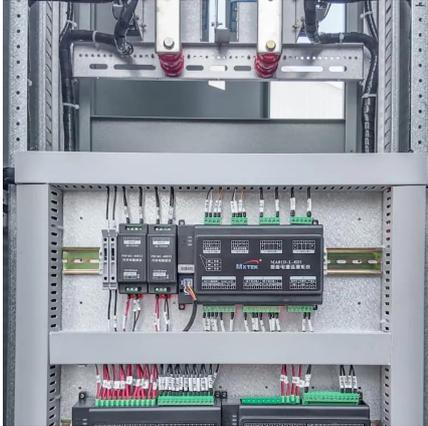
Can a residential solar inverter charge more than 7kw?

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## Smart solar panel charging prices in North America

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### **Pricing**

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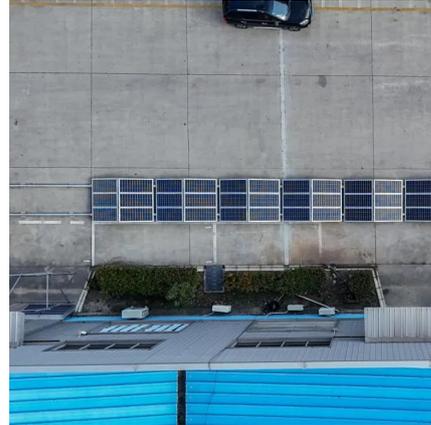
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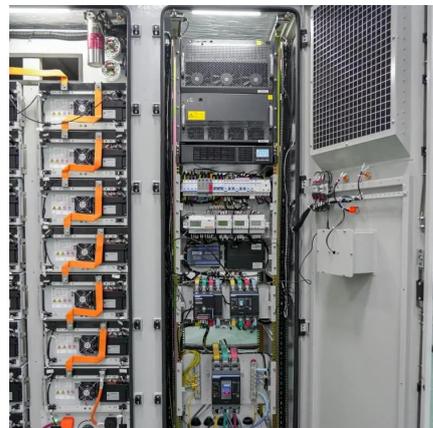


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