



# Solar Power Supply Corona CA

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## Why Corona Needs Solar Solutions Now

Let's face it - solar power supply in Corona CA isn't just about being eco-friendly anymore. With electricity rates jumping 38% since 2019 (ouch!), homeowners are getting creative. You know what's crazy? A typical 5kW system here can slash bills by 80%, but only 17% of houses have panels. Why aren't more people switching?

Here's the kicker: Corona gets 284 sunny days annually. That's better than San Diego's 266 days! Yet we're still burning natural gas like it's 1999. The recent heatwaves? They've pushed the grid to its limits, causing 3 brownouts last summer alone. Solar isn't just nice-to-have anymore - it's becoming survival gear.

## What's New in Solar Tech

Modern solar power systems aren't your dad's clunky panels. Take bifacial modules - they catch sunlight bouncing off rooftops, boosting output by 15%. Or consider microinverters that keep your lights on even when clouds roll in. But wait, there's more:

Solar shingles that look like regular roofing

10-year payback periods instead of 20

Battery walls storing 13.5kWh - enough to run a fridge for 3 days

California's NEM 3.0 policy changed the game last April. Now, exported power earns 75% less credit. Ouch, right? This makes storage crucial. A Riverside family I worked with added batteries and now sells stored energy during peak rates - smart!

## The Real Cost of Going Solar

"But isn't solar crazy expensive?" I hear this daily. Let's break it down: A 6kW system costs \$18K before incentives. With the 30% federal tax credit and California's SGIP rebate, you're looking at \$11K net. At



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\$160/month savings, you'll break even in 6 years. Not bad!

Compare that to SDG&E's current 45¢/kWh peak rate. A 1,500 sq.ft home using 900kWh monthly pays \$405! Solar cuts that to \$81. That's like getting a 20% raise - who wouldn't want that?

### Local Installations That Inspire

The Garcias on Main Street did something brilliant. They installed a solar power supply with two Tesla Powerwalls. During October's fire-prevention outages, their neighbors sat in darkness while the Garcia kids streamed Netflix. Now three houses on their block are going solar - talk about peer pressure!

### Your Solar Questions Answered

Q: Will solar work on my north-facing roof?

A: New tracking mounts can compensate! We've installed 22 north-facing systems this year.

Q: What about hail damage?

A: Modern panels withstand 1" hail at 50mph. We've had zero claims since 2020.

Q: How long do batteries last?

A: Most warranty 10 years, but real-world data shows 12-15 year lifespans.

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