

Best Inverter Generators for Home Backup

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Why Home Backup Power Matters Now

Last month's derecho storm left 1.2 million Midwest homes without power - some for over 72 hours. Inverter generators became the unexpected heroes, keeping refrigerators humming and medical devices running. But what makes these modern power solutions different from Grandpa's clunky old generator?

The Silent Revolution: Inverter Tech Explained

Traditional generators operate at constant 3600 RPM, like a car stuck in first gear. Inverter technology uses smart throttling - imagine a hybrid vehicle optimizing fuel use. This isn't just about noise reduction (though you'll appreciate the 53 dB hum versus 78 dB roar). The real magic happens in clean power delivery:

Device Type	Traditional Generator THD	Inverter Generator THD
Laptop Charger	15-25%	

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