

GENERAC®

PWRcell 2

SOLAR BATTERY STORAGE SYSTEM

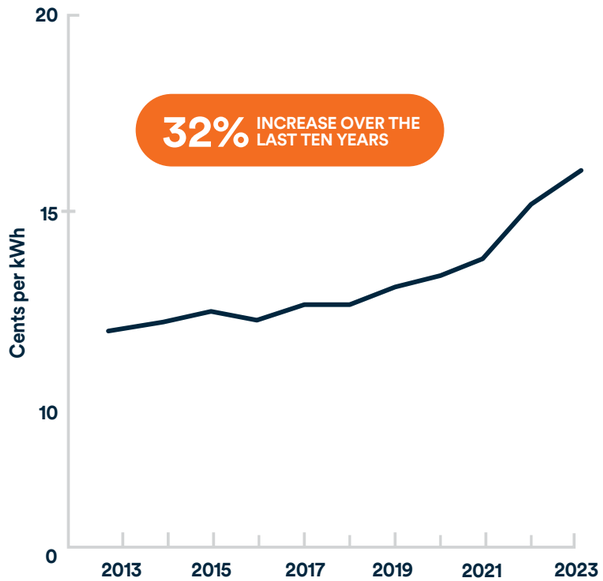
Homeowner Guide

Take Control of Your Power

Our homes have become our sanctuaries, making us increasingly reliant on electricity to deliver comfort and convenience, power our workspaces and keep us connected.

Unfortunately, as Americans we're paying on average, **32% more for electricity** than we were even just 10 years ago.

Residential Electricity Rate



Source: www.eia.gov

Power Outages by Year

Year	Electric Outage Incidents	Customers Affected
2013	5,494	14.7 Million
2014	6,353	13.8 Million
2015	2,203	11 Million
2016	2,888	23 Million
2017	4,327	44.1 Million
2018	4,254	39.5 Million
2019	4,655	41.5 Million
2020	4,789	51.9 Million
2021	5,162	51.8 Million
2022	4,738	42.8 Million
2023	4,594	46.6 Million

Source: Data Fusions

While installing solar panels can help reduce your utility bill, solar alone no longer has the same bottom-line impact it once had. As net metering regulations become more strict and less profitable, and Time-of-Use (TOU) rates continue to increase electricity costs in the evening, it's often more economical to store excess solar power to use for **FREE** when you need it.

What's more, our aging power grid continues to grow more susceptible to outages that can leave you without lights, refrigeration, Internet, air conditioning, heat and even water without warning.

It's time for a reliable solution that gives you the power to use energy on your own terms.



The New PWRcell 2

Solar Battery Storage System

The modular PWRcell 2 system provides up to 18 kWh of storage capacity and includes:

- **(1) Battery Cabinet:** Contains individual battery modules
- **(3+) 3 kWh Battery Modules:** Stores solar energy
- **(1) Inverter:** Converts power to and from the battery
- **(1) Smart Disconnect Switch (SDS):** Integrates solar, battery storage and generator backup

PWRcell 2 pairs with solar panels from most manufacturers. Your installer will help you determine the right panels for your home based on your needs and budget.



BATTERY CABINET



3 kWh BATTERY MODULE



INVERTER



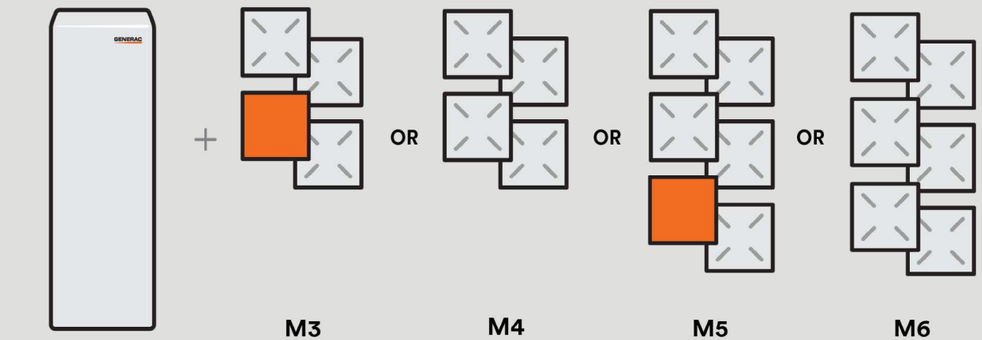
SMART DISCONNECT SWITCH (SDS)

reddot winner 2025

Awarded for exceptional product design

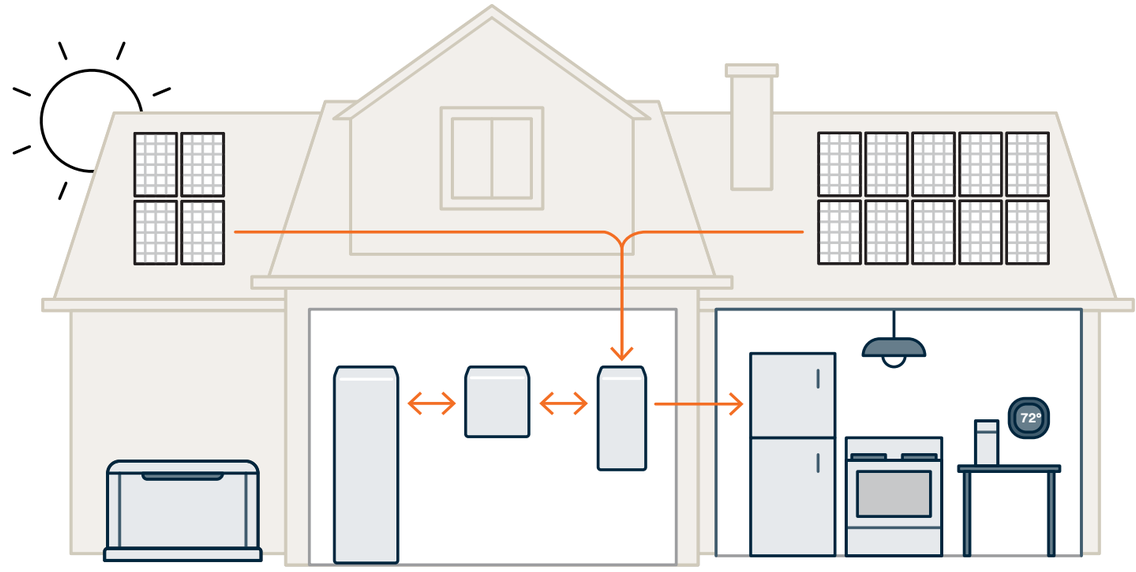
Scalable Design for the Ultimate Flexibility

PWRcell 2 is built on modularity so when your needs change, your system can too. Individual 3 kWh battery modules allow you to increase your battery size from 9 – 18 kWh in a single cabinet, offering even more opportunity for savings and protection from outages.

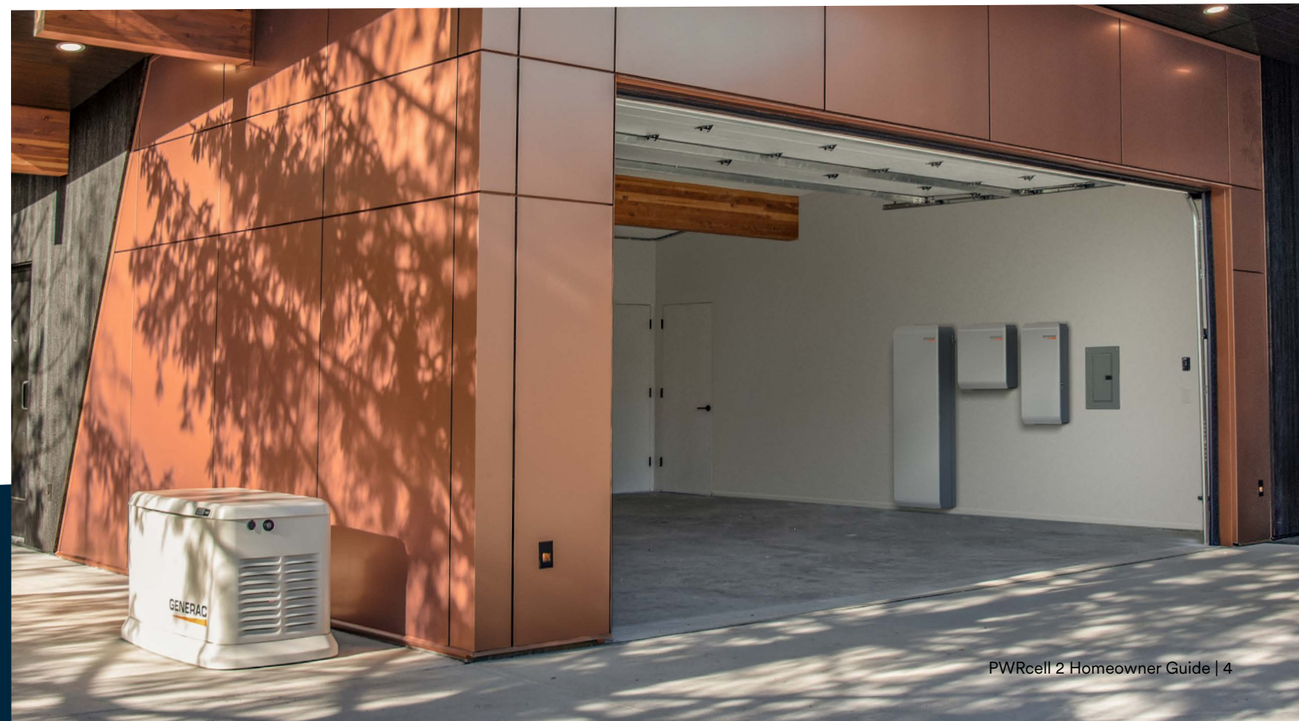


How it Works

1. Solar panels capture energy from the sun[1]
2. PWRcell 2 stores the solar power
3. Use stored energy to power your home to offset electricity costs or during a utility power outage



[1]Rooftop components are not included in the PWRcell 2 System.

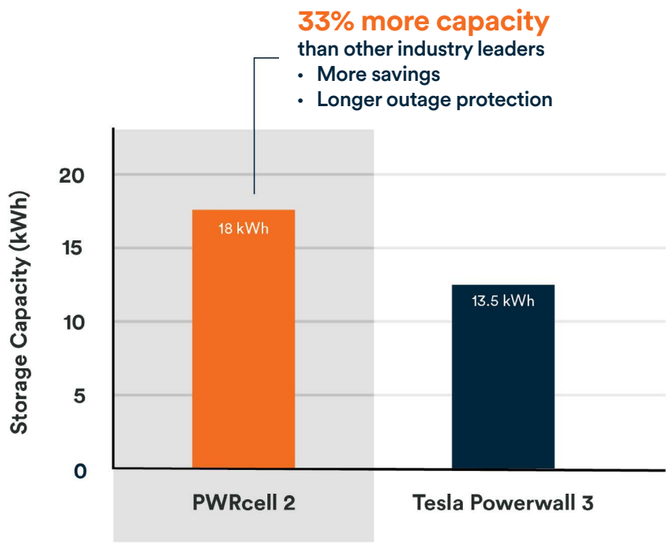


Why Choose PWRcell 2

1 Save Money on Your Utility Bills

Store solar energy for use during peak hours or at night as needed, reducing utility bills without sacrificing what you use in the home.

Saving money with PWRcell 2 is simple. When you generate, store, use, and sell your own energy, that's money going to your pocket instead of the utility. And as electricity prices continue to increase over time, so will the amount you save.[1] Meanwhile, your system financing costs will remain consistent and eventually be paid off.



Data obtained from competitor data specification sheets in April 2025

2 Be Prepared for Power Outages

Experience the ultimate protection from outages with a seamless transition to high-capacity battery backup, packed with intelligent integrations designed to extend backup capabilities even further.

High-Powered: Enough power to start large home loads, including a 5-ton air conditioner

Seamless Generator Integration: Adding a Generac home standby generator up to 28 kW[2] provides the ultimate peace of mind and energy independence with virtually endless[3] backup capabilities

ecobee Temperature Optimization: An integrated ecobee smart thermostat can help extend backup duration in an outage by automatically adjusting temperature setpoints to conserve stored energy

PWRcell 2 has enough power to start a 5-ton air conditioner

3 Harness the Intelligence of the Ecosystem

PWRcell 2 integrates seamlessly with other Generac products to **enhance system monitoring and backup capabilities.**



4 Experience the Generac Difference

With over 65 years of experience in the backup industry, Generac knows what it takes to support our customers and the technicians installing our products.

U.S.-BASED

65-YEAR HISTORY

HOMEOWNER SUPPORT

NATIONWIDE TRAINED AND CERTIFIED PWRCELL INSTALLERS

[1]Actual savings will vary based on factors such as user energy consumption, energy unit costs, available solar exposure, and other variables.
[2]Check with your local Generac dealer for availability.
[3]Subject to fuel availability



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PWRview

HOME ENERGY MONITORING

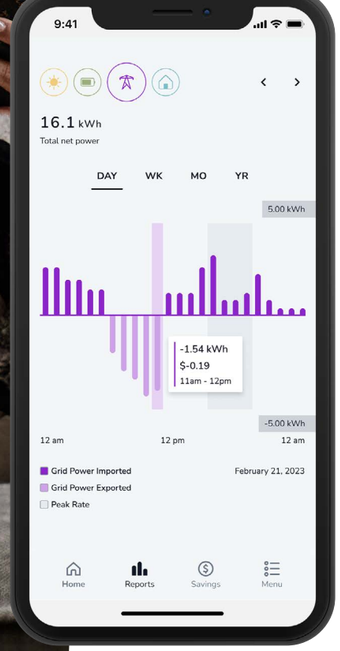
PWRview is Generac's home energy control and monitoring app. Easily enable **Outage Guard*** or access your home's energy information from anywhere in the world with your smartphone.

Features and Benefits

- Learn how your daily habits impact your electricity costs
- Receive detailed bill tracking and forecasting
- Understand how PWRcell helps you meet your energy needs and reduce grid dependence with daily energy dashboards and summaries

PWRview is equipped with Outage Guard to help you prepare your home for storms and potential outages by automatically charging up your battery when severe weather is forecasted.

**Outage Guard is available in the contiguous 48 states, Alaska, Puerto Rico (provided the address is listed as US) and Canada.*



Download the PWRview App for easier home energy monitoring!

GENERAC PWR VIEW

GET IT ON Google Play

Download on the App Store

An ecobee Smart Thermostat Enhanced is included with the PWRcell 2 System

Harness the intelligence of a connected ecosystem by integrating your PWRcell 2 Solar Battery Storage System with an ecobee Smart Thermostat Enhanced.

- **ecobee In-Home Display:** ecobee provides a convenient in-home display for viewing outage details and PWRcell 2 solar battery status
- **ecobee Smart Integration:** An integrated ecobee smart thermostat can automatically adjust temperature setpoints during an outage, helping extend backup duration

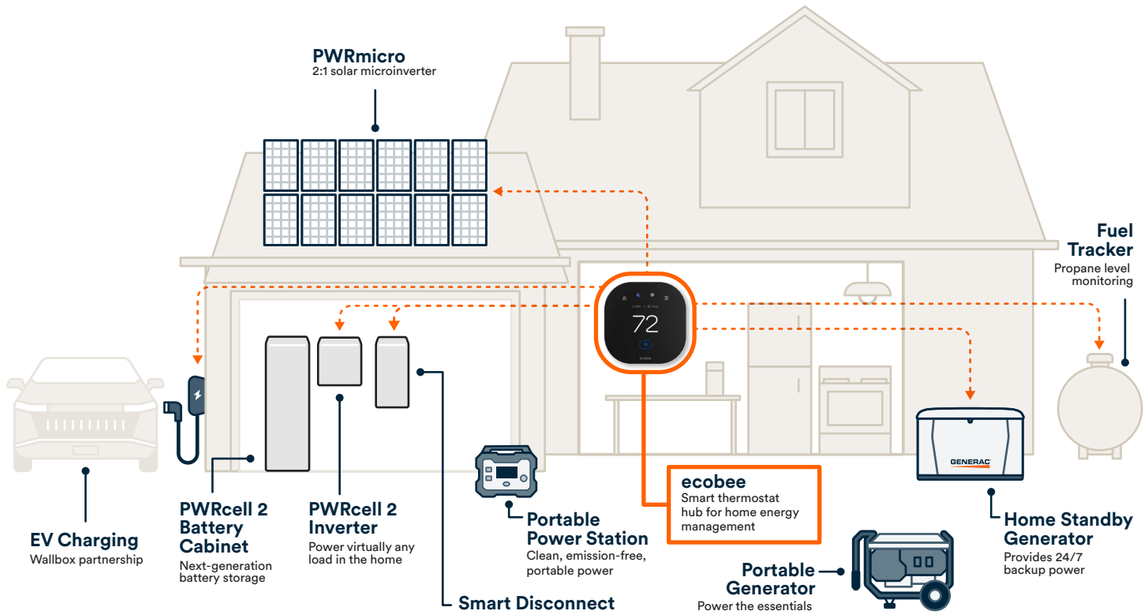
For more information on the ecobee Smart Thermostat Enhanced, visit **ecobee.com**





Generac's Unmatched Energy Ecosystem

No other company offers such a wide range of complimentary products. With solutions ranging from EV chargers to home standby generators, Generac provides the ultimate flexibility for designing a comprehensive system that meets the unique needs of each homeowner.





System Specifications: PWRcell 2

PERFORMANCE				
Battery Configuration	**M3**	**M4**	**M5**	**M6**
Usable Energy[1]	9 kWh	12 kWh	15 kWh	18 kWh
Max. Continuous Power[2]	5.2 kW	7 kW	8.7 kW	10.5 kW
Max. AC Start Capacity[2]	77 A	102 A	128 A	153 A
Roundtrip Efficiency	88%			
Warranty	Battery Modules: 10 years or 7.56 MWh Inverter, Cabinet, SDS: 10 years			
Compatible Solar Inverters	Generac PWRmicro and Enphase IQ8			
Max. Backup PV Size (AC)	10.5 kW[3]			
Max. Backup Service	200 A			
Max. Generac Generator Size	28 kW[3]			
Connectivity	Wi-Fi, LTE, CAN			

ENVIRONMENTAL	
Operating Temperature Range - Charging	23 to 122 °F (-5 to 50 °C)
Operating Temperature Range - Discharging	-4 to 122 °F (-20 to 50 °C)
Max. Elevation	6,560 ft. (2000 m)
Environment	NEMA 3R (all enclosures)

MECHANICAL			
	CABINET	**INVERTER**	**SDS**
Dimensions - (L x W x H)	23" x 10 ¾" x 70"	22 ¹³⁄₁₆" x 8 ³⁄₃₂" x 24 ³⁄₃₂"	17 ²⁹⁄₃₂" x 7 ³⁄₃₂" x 36 ½"
Lift Weight	62.6 lb.	52.4 lb.	35 lb.
Total Weight	113 lb.	62.1 lb.	54 lb.

COMPLIANCE	
Compliance	UL 9540, UL 9540A, UL 1973, UL 1998, UL 1741, UL 1741 SA11, UL 1741 SB, IEEE 1547, IEEE 1547a, IEEE 1547.1, CA Rule No. 21, Rule 14H (HECO SRD V2.0), ISO-NE, PRC-024, Regulation No. 8915 (PREPA), CSIP

[1]At beginning of life at 77 °F (25 °C). See product warranty document for more information.
[2]De-rating may occur at temperatures above 112 °F (40 °C) and below 32 °F (0 °C).
[3]Check with your local Generac dealer for availability.



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