

**GENERAC®**

**PWR**CELL

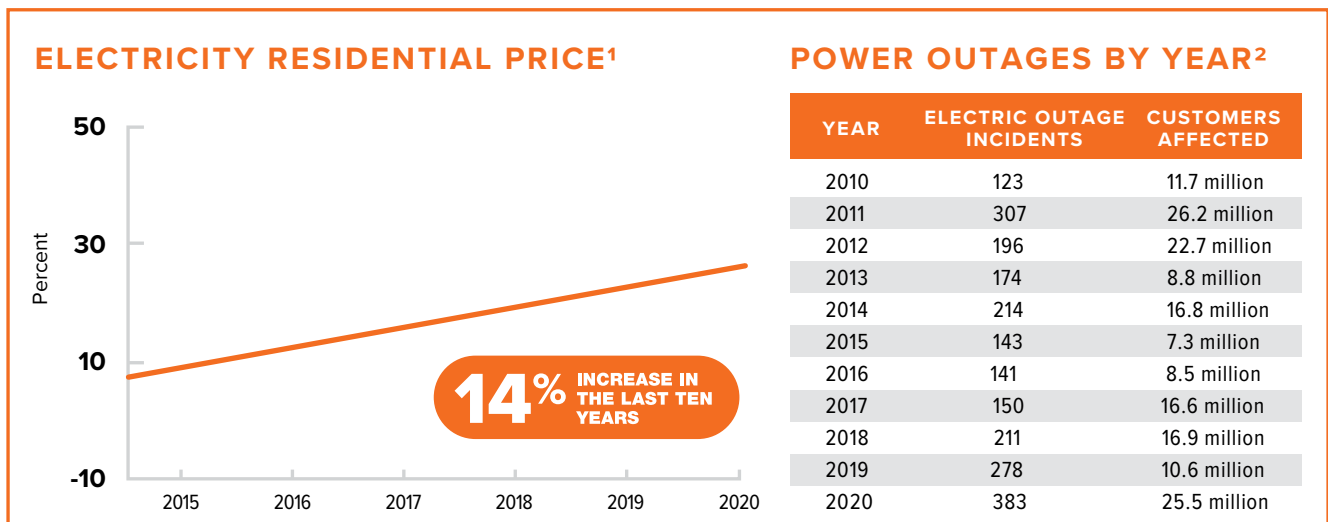
**SOLAR + BATTERY STORAGE SYSTEM**



Prepare for Power Outages, Save  
Money and Power Your Home  
with the Generac PWRcell™  
Solar + Battery Storage System

# Power outages & electricity rates are increasing

The electrical power grid continues to age, making it less reliable and more susceptible to power outages that can leave you without lights, refrigeration, Internet access, and in some areas water.



Additionally, electric utility rates are on the rise, with no relief in sight. In the last 10 years, rates have increased 14%<sup>1</sup>. Paying more for electricity can prevent you from investing in the things that matter the most to you, such as:

- Dream vacation
- Home improvement projects
- Financial freedom
- Child's/grandchild's college fund
- Retirement savings

You need an innovative solution that will power your home, lower your monthly electric bill and help you prepare for power outages.

<sup>1</sup>Source: EIA (U.S. Energy Information Administration)

<sup>2</sup>2017 Eaton Blackout Tracker

# Be Prepared for Power Outages & Save Money with PWRcell

Never be surprised by utility power outages or high electricity bills again when you have the Generac PWRcell, a fully integrated solar + battery storage system. PWRcell provides backup power using stored energy from the sun, which helps you save money.



## BACKUP POWER

Provides backup power during utility power outages



## ENVIRONMENTALLY FRIENDLY

100% emission and fossil fuel free



## SAVINGS POWERED BY THE SUN

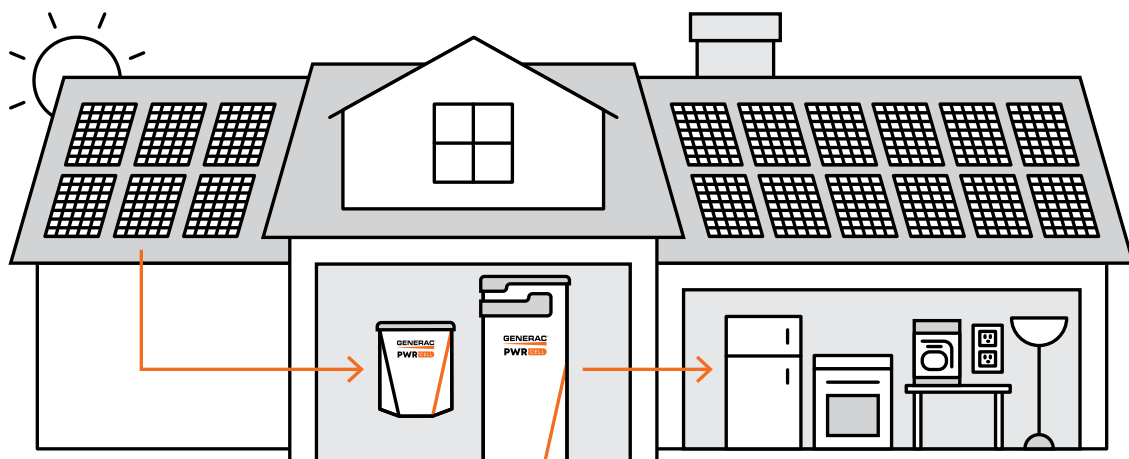
Use stored energy from solar panels to power your home, which helps you reduce your electric utility costs\*



## EASY TO INSTALL

Flexible design allows for indoor and outdoor installation

## Here's how it works



1

PWRcell stores energy from solar panels\*

2

Use stored energy to power your home – day or night

3

During a utility power outage, the energy stored in PWRcell can also be used to provide backup power, to help your home and family stay comfortable during a power outage

\*PWRcell can also store energy from the electric power grid. Solar panels are sold separately.







# The PWRcell System

If you're looking for a fully-integrated solar + battery storage system, the Generac PWRcell is the right solution for you.

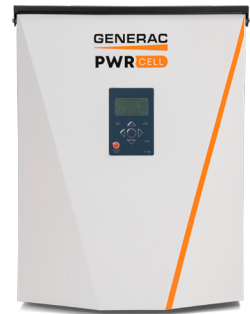
**The modular Generac PWRcell system provides at least 9kWh of storage capacity and includes:**

- 1 Inverter
- 1 Battery storage cabinet
- 3 Lithium ion battery modules
- 10 Year Limited Warranty

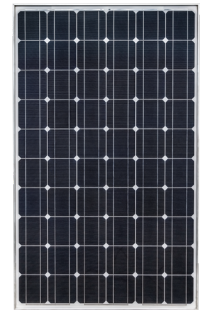
PWRcell pairs with solar panels from most manufacturers. Based on your needs and your budget, installation partners can determine the right panels for your home.



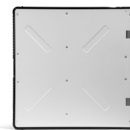
Outdoor Rated Battery Storage Cabinet



Inverter



Solar Panels



Lithium Ion Battery Modules

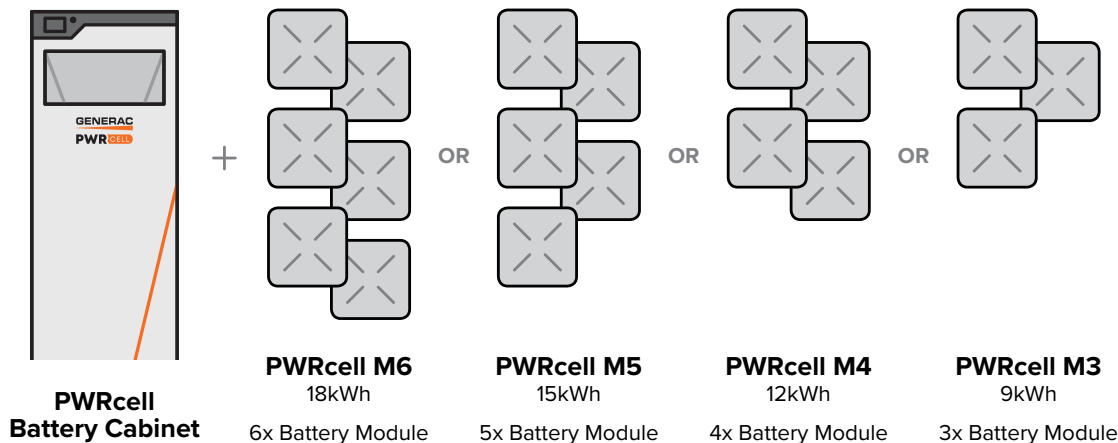


Included with the PWRcell!

## CUSTOMIZABLE OPTIONS & EASY INSTALLATION

The Generac PWRcell features a modular design that allows you to expand your storage capacity as your power needs evolve. This flexibility allows you to start out with a 9kWh solar + battery storage system and expand in increments of 3kWh, up to 36kWh with two battery cabinets.

PWRcell's flexible design allows for indoor and outdoor installations. Best of all, each component from the batteries to the inverter, down to the rapid shutdown device and solar array performance optimizers, are designed by Generac to work seamlessly together, making PWRcell easier and faster to install.



# Why PWRcell?

## PWRcell outshines the competition

PWRcell offers 30% more power output than our competitors,\* and it offers more storage capacity, so you can run more than just the essentials. By not sacrificing comfort or convenience, PWRcell keeps your home a sanctuary during a power outage. Plus, you'll also save on utility bills when you power more with free sunshine.

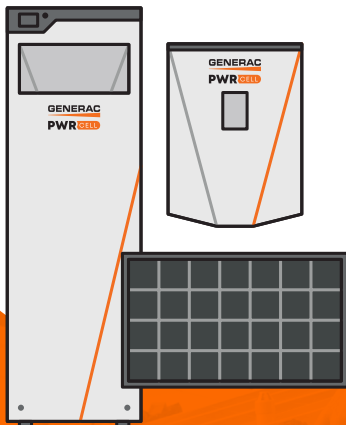
		PWRcell	Powerwall+ **	% More
Stores more sunshine	Usable storage capacity [kWh]	18	13.5	33%
More on-grid power	Maximum continuous power on-grid [kW] <sup>†</sup>	7.6	5.8	31%
More off-grid power	Maximum continuous power off-grid [kW] <sup>†</sup>	9	7	29%

\*Figure based on single storage cabinet of battery modules. \*\*Tesla specifications per Tesla Powerwall specification sheet.

<sup>†</sup> Battery only, no contribution from solar.

## Save money with PWRcell

### PWRcell Solar + Battery Storage System



**\$68,217\***  
in estimated savings  
over 25 years!

### Cost & Savings Breakdown



**\$18K** **9kWh PWRcell System**  
Cost of installation included



**\$29K** **Solar Panels**  
Cost of 22 solar panels (7.7 kWh)  
and installation



**\$350** **Monthly Utility Bill**  
Home without solar + storage



**\$191** **Monthly Utility Bill  
with Solar Storage\***  
Plus equipment financing



**\$159** **Monthly Savings\***  
Estimated savings per month



**30%** **Solar Tax Credit\*\***  
That can be claimed by installing  
solar by the end of 2032

\*Excludes repair or replacement of components outside of warranty.

\*\*Not everyone is eligible for the federal and state tax credits/rebates or can use them. Please consult your tax or legal professional for more details.

<sup>†</sup>Assumes a 25-year loan with a 4% fixed interest rate with a principal of \$43,544. This is not an offer for financing. For special financing, contact a Generac installer.

\*Monthly electric utility bill per month based on a customer testimonial. Example based on a 3,000-square foot home in San Diego, CA. Savings and system production will vary based on final design, utility rates, and household energy usage. The actual savings vary based on a number of factors, including weather, shading from growing trees, system components, future electricity use, and the fluctuation of the price of electric in the utility district. Assumes an annual electric utility rate increase of 2.39% (Source: U.S. Energy Information Administration).





**GENERAC®**

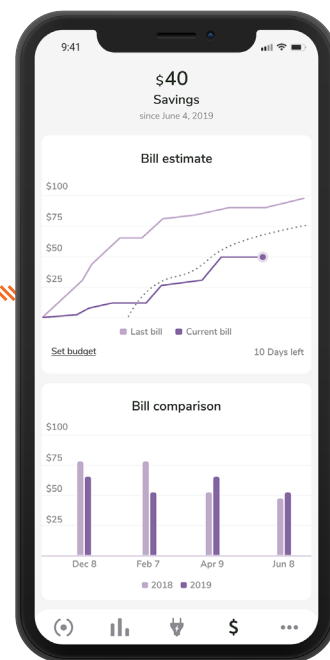
**PWRVIEW**

**HOME ENERGY MONITORING**

Another way to help reduce your electric utility bill and gain greater energy independence is to use Generac's premier home energy monitoring app, PWRview. Easily access your home's energy information from your smartphone, tablet or computer from anywhere in the world.

With PWRview, your energy information is right at your fingertips. You can:

- Learn how your daily habits impact your electricity costs
- Receive detailed bill tracking and forecasting
- Track the status of your battery system to ensure energy is available during peak demand times and utility power outages
- Understand how PWRcell helps you meet your energy needs and reduce grid dependence with daily energy dashboards and summaries



# ACT NOW!

## LIMITED TIME OFFER

Purchase a qualifying Generac PWRcell Solar + Battery Storage System and receive a FREE ecobee Smart Thermostat Enhanced,\*  
**VALUED AT OVER \$189.**

With features that help maximize your comfort and energy savings.



[WWW.PWRCELLOFFER.COM](http://WWW.PWRCELLOFFER.COM)



**(855) 635-5177**



Offer redeemable only when customer purchases a qualifying Generac PWRcell Solar + Battery Storage System from an authorized Generac dealer\* and registers the PWRcell Solar + Battery Storage System on Generac.com. Offer not available at retail, wholesale, or e-commerce businesses where Generac PWRcell Solar + Battery Storage Systems are sold. Refurbished products are excluded from this offer. PWRcell Solar + Battery Storage System must be installed and activated in order for the customer to be eligible to receive the Ecobee Smart Thermostat. Proof of purchase along with other documentation may be required to be submitted to receive this offer. Individual prices may vary. Generac reserves the right to modify and/or rescind this offer at any time without notice. Offer valid only on qualifying purchases made in the United States (excluding American Samoa, Guam, Northern Mariana Islands, Puerto Rico and the U.S. Virgin Islands) and Canada. Customer has 60 days from the day of PWRcell Solar + Battery Storage System registration to redeem their offer for an Ecobee Smart Thermostat.

\*A participating authorized Generac dealer is a member of Generac Power System's PowerPlay Program. All quotes must be scheduled through Generac's Consumer Sales Team, and all purchases must be made through a PowerPlay dealer to qualify for the promotion.

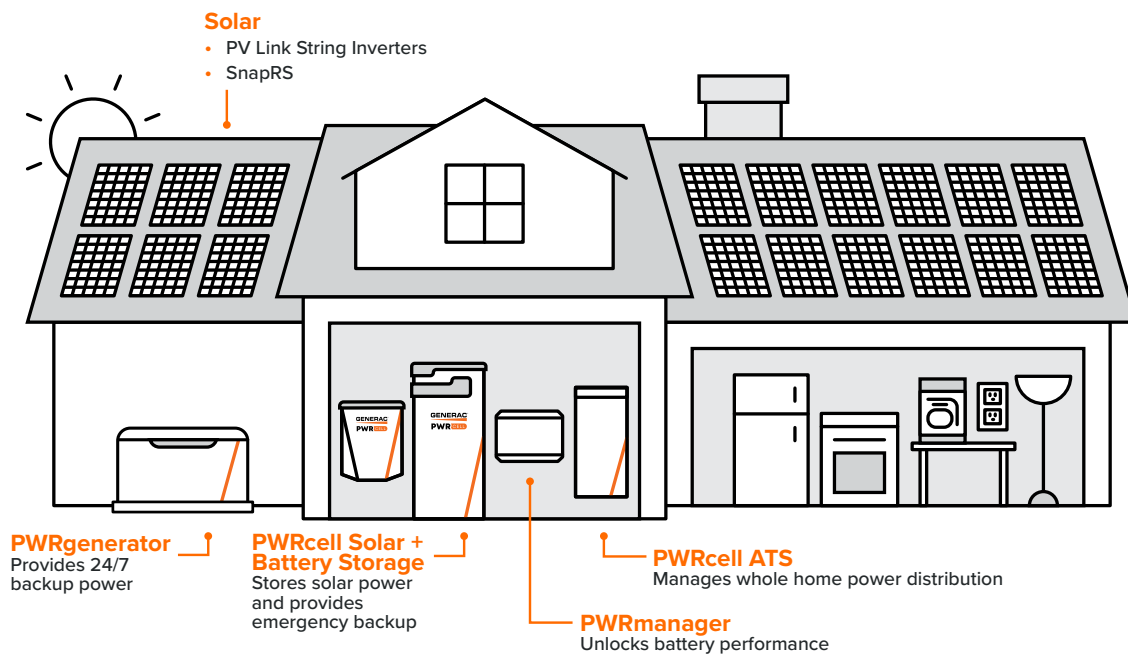


# Whole home power outage protection

Power outages are unpredictable, inconvenient and disruptive. They are also occurring more frequently and lasting longer. During a power outage, there are no lights, no refrigeration, no Internet access, and in some areas, no water. But when you have PWRcell, you stay comfortable and safe, and your home is your sanctuary.

When PWRcell is paired with the PWRcell™ Automatic Transfer Switch (ATS) and Smart Management Modules (SMMs), your system will automatically send power to the appliances that need it most, allowing you to power more than just the essentials during a utility power outage. This complete system can generate 80% more continuous power than competitive units.

To further strengthen the whole-home capabilities of the PWRcell system, Generac has also introduced the PWRgenerator and PWRmanager. PWRgenerator is a DC-coupled backup generator designed to recharge your PWRcell batteries, while PWRmanager, is an advanced load management system designed to increase the performance of your battery.



## Automatic Transfer Switch

An integrated solar + battery storage system with load management for whole home coverage is made easy with the PWRcell™ Automatic Transfer Switch (ATS). Power your home and manage up to four individual HVAC (24 Vac controlled) loads with the PWRcell ATS.



## PWRgenerator

When sunlight is unavailable or insufficient, the DC-coupled PWRgenerator rapidly recharges PWRcell's batteries to keep the home powered long-term when there's a utility power outage.



## Advanced Load Management / PWRmanager

The PWRmanager advanced load management device adds unbeatable flexibility and value to the PWRcell System. Controlled via the user-friendly PWRview app, PWRmanager gives the homeowner access to choose what loads they want to power during an outage while automatically managing those loads to conserve energy and extend your system's battery life to last through the outage.



## Load Management / Smart Management Modules

Generac's Smart Management Modules (SMMs) allow PWRcell to make the most of its leading backup power capabilities and capacity by helping to prevent system overload and allowing lockout of select connected loads for power usage management during a utility outage.



## PV Link / Optimizer

Each PV Link allows you to connect 2 to 9 solar PV modules, enabling you to build a flexible, easy-to-install solar array.



## SnapRS / Rapid Shutdown Device

SnapRS is an in-line disconnect device that helps to satisfy module-level rapid shutdown requirements.

### MEETS NATIONAL ELECTRIC CODE (NEC) RAPID SHUTDOWN REQUIREMENTS

SnapRS and PV Link Optimizers meet NEC 2017 and NEC 2020 PV rapid shutdown requirements.

### PROTECTS EQUIPMENT

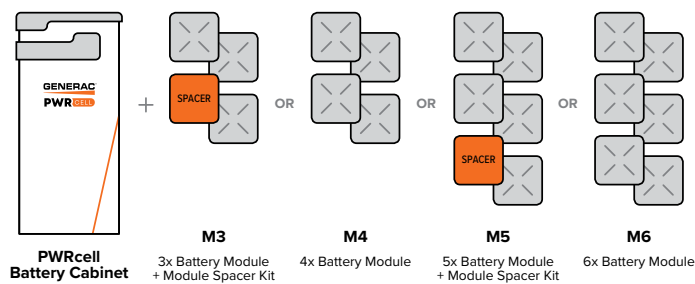
SnapRS and PV Link Optimizers are listed to UL 1741. PV Link automatically detects arc and ground faults.



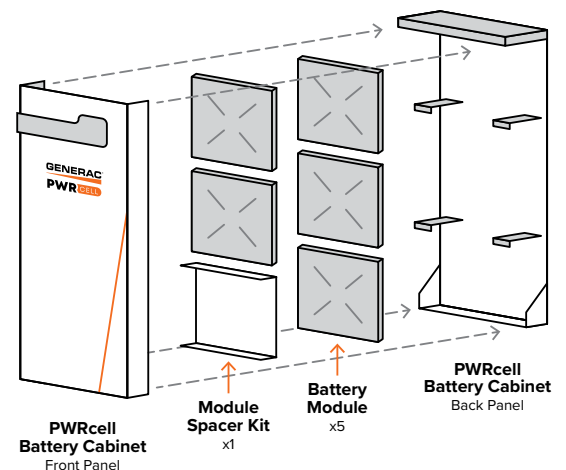
# Overview of technical specifications

PWRcell™ BATTERY CONFIGURATIONS	M3	M4	M5	M6
BATTERY MODULES:	3	4	5	6
USABLE ENERGY <sup>1</sup> :	9 kWh	12 kWh	15 kWh	18 kWh
NOMINAL CONT. AC POWER <sup>1,2</sup> :	3.4 kW	4.5 kW	5.6 kW	6.7 kW
MAX. AC POWER <sup>1,3</sup> :	4.5 kW	6 kW	7.5 kW	9 kW
NOMINAL CONT. DC (CHARGE/DISCHARGE) - A:	11.6	15.5	19.4	23.3
PEAK MOTOR STARTING CURRENT (2 SEC) - A, RMS:	25	33	42	50
COMPATIBLE BATTERY MODULES <sup>4</sup> :	Generac PWRcell EX 3.0 kWh, Generac PWRcell DCB 3.0 kWh, Generac PWRcell DCB 2.85 kWh			
REbus™ VOLTAGE - INPUT/OUTPUT:	360-420 VDC			
NOMINAL VOLTAGE:	380 VDC			
DC-DC ROUND-TRIP EFFICIENCY:	96.5%			
MAXIMUM AMBIENT OPERATING TEMPERATURE:	14 TO 122 °F (-10 TO 50 °C)			
OPTIMAL AMBIENT OPERATING TEMPERATURE:	41 to 104 °F (5 to 40 °C)			
MAXIMUM INSTALLATION ALTITUDE - FT (M):	6560 (2000)			
DIMENSIONS, L x W x H - IN (MM):	22" x 10" x 68" (559 x 254 x 1727)			
WEIGHT, ENCLOSURE - LB (KG):	115 (52)			
WEIGHT, INSTALLED W/ DCB MODULES - LB (KG):	280 (127)	335 (152)	390 (177)	445 (202)
WEIGHT, INSTALLED W/ EX MODULES - LB (KG):	287 (130)	344 (156)	401 (182)	459 (208)
WEIGHT, ACCESSORY MOUNTING HARDWARE - LB (KG):	21 (10)			
ENCLOSURE TYPE:	Type 3R			
WARRANTY - LI-ION MODULES:	10 Years, (7.56MWh)			
WARRANTY - ELECTRONICS AND ENCLOSURE:	10 Years			
COMMUNICATION PROTOCOL:	REbus™ DC Nanogrid™			
SEISMIC RATING:	IEEE 693-2018 (HIGH)			
COMPLIANCE:	UL 9540, UL 9540A <sup>5</sup> , UL 1973, UL 1642, CSA 22.2 #107.1			

## BATTERY CONFIGURATION GUIDE



## BATTERY CABINET ASSEMBLY



## PWRcell™ INVERTER

ISLANDING <sup>1</sup> :	Yes	ENCLOSURE KNOCKOUTS - QTY, SIZE - IN (MM):	6 x Combo 3/4" x 1" (19 x 25.4) 7 x Combo 1/2" x 3/4" (12.7 x 19)
GRID SELL:	Yes	DIMENSIONS L x W x H - IN (MM):	24.5" x 19.25" x 8" (622.3 x 488.9 x 203.2)
SELF CONSUMPTION:	Yes	WEIGHT - LB (KG):	62.7 (28.4)
PRIORITIZED CHARGING FROM RENEWABLES:	Yes	COOLING:	Forced convection
GRID SUPPORT - ZERO EXPORT:	Yes	AUDIBLE NOISE:	< 40 dBA
ESS PCS OPERATION MODES (IMPORT ONLY, EXPORT ONLY):	Yes	OPERATING TEMPERATURE - FAHRENHEIT (CELSIUS):	-4 to 122 °F (-20 to 50 °C) <sup>2</sup>
SUPPORTED COMMUNICATION INTERFACES:	REbus™, CANbus, Ethernet	PROTECTION RATING:	NEMA 3R
SYSTEM MONITORING:	PWRview™ Web Portal and Mobile App	BATTERY TYPES SUPPORTED:	PWRcell™ Battery
BACKUP LOADS DISCONNECT <sup>1</sup> :	Yes, 50 A Circuit Breaker	MODULE STRING SIZE PER PV LINK OPTIMIZER:	Varies, refer to PV Link Installation Manual
INVERTER BYPASS SWITCH:	Automatic	MAXIMUM RECOMMENDED DC POWER FROM PV <sup>3</sup> :	10 kW (1Ø), 15 kW (3Ø)
WARRANTY:	10 Years		
SAFETY:	UL 1741 SA, CSA 22.2, UL 1998		
GRID CONNECTION STANDARDS:	IEEE 1547, Rule 21, Rule 14H, CSIP, UL 1741 PCS CRD (Import Only, Export Only)		
EMISSIONS:	FCC Part 15 Class B		

<sup>1</sup>3Ø inverters offer islanding for 1Ø loads.

<sup>2</sup>Includes ambient temperature rising from inverter operation. Reduced power at extreme temperatures.

<sup>3</sup>Values provided for PV-only or small storage systems. Additional PV power is permissible if sufficient battery storage capacity is installed.

Specifications listed in this document are achieved with firmware version 13290 or greater. Confirm inverter has latest firmware to ensure full performance.

AC OUTPUT/GRID-TIE	MODEL XVT076A03	MODEL X11402
CONT. GRID-TIED AC POWER @ 50°C (122°F):	7600 W	11400 W
AC OUTPUT VOLTAGE:	120/240, 1Ø VAC	120/208, 3Ø VAC
AC FREQUENCY:	60 Hz	
MAXIMUM CONTINUOUS OUTPUT CURRENT:	32 A, RMS	
GROUND-FAULT ISOLATION DETECTION:	Included	
CHARGE BATTERY FROM AC:	Yes	
THD (CURRENT):	< 2%	
TYPICAL NIGHTTIME POWER CONSUMPTION:	< 7 W	

AC OUTPUT/ISLANDED	MODEL XVT076A03	MODEL X11402
MAX. CONT. ISLANDED AC POWER WITHOUT AN EXTERNAL TRANSFER SWITCH <sup>4</sup> :	7600 W	
MAX. CONT. ISLANDED AC POWER W/ EXTERNAL TRANSFER SWITCH AND SINGLE 6 MODULE BATTERY CABINET <sup>5</sup> :	9000 W	
MAX. CONT. ISLANDED AC POWER W/ EXTERNAL TRANSFER SWITCH AND 2 BATTERY CABINETS (8 MODULES MINIMUM) <sup>5</sup> :	11000 W	9600 W-11000 W*
PEAK MOTOR STARTING CURRENT (2 SEC):	50 A, RMS	
AC BACKUP OUTPUT VOLTAGE:	120/240, 1Ø VAC	120/208, 1Ø VAC
AC FREQUENCY:	60 Hz	
THD (VOLTAGE):	< 2%	
ALLOWABLE SPLIT PHASE IMBALANCE:	Up to 30%	

DC INPUT	MODEL XVT076A03	MODEL X11402
DC INPUT VOLTAGE RANGE:	360-420 VDC	
NOMINAL DC BUS VOLTAGE:	380 VDC	
DC DISTRIBUTION INPUT BREAKERS:	4 x 2P30 A	
MAX INPUT CURRENT PER DC INPUT:	30 A	
REVERSE-POLARITY PROTECTION:	Yes	
TRANSFORMERLESS, UNGROUNDED:	Yes	
DC BUS EXPORT FUSES (+/-):	40 A	
2-POLE DISCONNECTION:	Yes	

EFFICIENCY	MODEL XVT076A03	MODEL X11402
PEAK EFFICIENCY:	97.3%	97.7%
CEC WEIGHTED EFFICIENCY:	96.5%	97.5%

<sup>4</sup>When islanded, continuous power output is restricted to 76kW unless backup power is routed through an external transfer switch.

<sup>5</sup>Peak performance, values provided for 40°C (104°F).

\*In Island mode X11402 protected loads only supply 2 phases 120 VAC L-N, 208 L-L which results in lower power than in grid tied 3 phase mode. The low value of the range is for full L-L loading while high value of the range is full L-N loading



## PWRCELL™ OUTDOOR RATED BATTERY CABINET

BATTERY MODULE SERIES:	3.0 kWh DCB / 3.0 kWh EX			
BATTERY MODULES:	3	4	5	6
USABLE ENERGY:	9 kWh	12 kWh	15 kWh	18 kWh
NOMINAL CONT. AC POWER <sup>1</sup> :	3.4 kW	4.5 kW	5.6 kW	6.7 kW
MAX. CONT. AC POWER <sup>2</sup> :	4.5 kW	6 kW	7.5 kW	9 kW
NOMINAL CONT. DC (CHARGE/DISCHARGE) - A:	11.6	15.5	19.4	23.3
PEAK MOTOR STARTING CURRENT (2 SEC) - A, RMS:	25	33	42	50
REbus™ VOLTAGE - INPUT/OUTPUT:	360-420 VDC			
NOMINAL VOLTAGE:	380 VDC			
DC-DC ROUND-TRIP EFFICIENCY:	96.5%			
MAXIMUM AMBIENT OPERATING TEMPERATURE:	14 TO 122 °F (-10 TO 50 °C)			
OPTIMAL AMBIENT OPERATING TEMPERATURE:	41 to 104 °F (5 to 40 °C)			
MAXIMUM INSTALLATION ALTITUDE - FT (M):	9834 (3000)			
DIMENSIONS, L x W x H - IN (MM):	22" x 10" x 68" (559 x 254 x 1727)			
WEIGHT, ENCLOSURE - LB (KG):	115 (52)			
WEIGHT, INSTALLED W/ DCB MODULES - LB (KG):	280 (127)	335 (152)	390 (177)	445 (202)
WEIGHT, INSTALLED W/ EX MODULES - LB (KG):	287 (130)	344 (156)	401 (182)	459 (208)
WEIGHT, ACCESSORY MOUNTING HARDWARE - LB (KG):	21 (10)			
ENCLOSURE TYPE:	Type 3R			
WARRANTY - LI-ION MODULES:	10 Years, (7.56MWh)			
WARRANTY - ELECTRONICS AND ENCLOSURE:	10 Years			
COMMUNICATION PROTOCOL:	REbus™ DC Nanogrid™			
SEISMIC RATING:	IEEE 693-2018 (HIGH)			
COMPLIANCE:	UL 9540, UL 1973, UL 1642, CSA 22.2 #107.1			

<sup>1</sup>Average AC power over a complete discharge cycle

<sup>2</sup>Peak Performance, values provided for 40°C (104°F)

Note: Charge/discharge rate may be reduced at temperature extremes

## SnapRS™ (APKE00011)

PV MODULE MAX VOC:	75 V
EFFICIENCY:	99.8% <sup>3</sup>
MAX INPUT CURRENT:	13 A
MAX TOTAL QTY IN SUBSTRING:	10
SHUTDOWN TIME:	< 10 Seconds
ENCLOSURE RATING:	NEMA 6P
OPERATING TEMPERATURE - FAHRENHEIT (CELSIUS):	-40 to 158 °F (-40 to 70 °C)
CERTIFICATIONS:	UL1741
PROTECTIONS:	PVRSE
WARRANTY:	25 Years

<sup>3</sup>When used with a 50V panel

PWRcell™ AUTOMATIC TRANSFER SWITCH	CXSC100A3	CXSW100A3	CXSW200A3
AMPS:	100	100	200
VOLTAGE:	120/240 1Ø	120/240 1Ø	120/240 1Ø
LOAD TRANSITION TYPE (AUTOMATIC):	Open Transition	Open Transition Service Rated	Open Transition Service Rated
ENCLOSURE TYPE:	NEMA 3R	NEMA 3R	NEMA 3R
COMPLIANCE:	UL 1008	UL 1008	UL 1008
WITHSTAND RATING (AMPS):	10,000	10,000	20,000
LUG RANGE:	1/0 - #14	1/0 - #14	250 MCM - #6

SMART MANAGEMENT MODULES	50 AMP (G0070000)	100 AMP (G0070060)
POWER SUPPLY SOURCE:	240 VAC (FROM LINE INPUT)	240 VAC (FROM LINE INPUT)
CONTACTOR VOLTAGES:	220/240 VAC	220/240 VAC
RESISTIVE AMPS:	50	100

PV Link™ (APKE00010)		
RATED POWER <sup>4</sup> :	2500W	
PEAK EFFICIENCY:	99%	
MPPT VOLTAGE RANGE:	60-360 VMP	
MAX INPUT VOLTAGE:	420 VOC; max when cold	
MAX OUTPUT:	420 VOC	
NOMINAL OUTPUT (REbus™):	380 VDC	
MAX OUTPUT CURRENT (CONTINUOUS):	8 A	
MAX OUTPUT CURRENT (FAULT):	10 A	
MAX INPUT CURRENT (CONTINUOUS):	13 A @ 50°C, 10 A @ 70°C	
MAX INPUT SHORT CIRCUIT CURRENT (ISC):	18 A	
STANDBY POWER:	<1 W	
PROTECTIONS:	Ground-fault, Arc-fault (Arc-fault Type 1 AFCL Integrated), PVRSE	
MAX OPERATING TEMP: FAHRENHEIT (CELSIUS)	158 °F (70 °C)	
SYSTEM MONITORING:	PWRview™ Web Portal and Mobile App	
ENCLOSURE:	Type 4X	
COMPLIANCE:	UL 1741, CSA 22.2	
WARRANTY:	25 Years	

PWRcell™ DCB BATTERY MODULE		
NOMINAL VOLTAGE:	46.8 VDC	
USABLE CAPACITY @ TYPICAL VOLTAGE:	3.00 kWh	
MAXIMUM AMBIENT OPERATING TEMPERATURE <sup>5</sup> :	14 to 122 °F (-10 to 50 °C)	
RECOMMENDED AMBIENT OPERATING TEMPERATURE <sup>5</sup> :	41 to 104 °F (5 to 40 °C)	
RECOMMENDED STORAGE TEMPERATURE <sup>5</sup> :	68 °F (20 °C)	
SCALABILITY:	3-6 pcs in series	
DIMENSIONS, L x W x H - IN (MM):	17.3" x 17.7" x 3.3" (440 x 450 x 84)	
WEIGHT - LB (KG):	55 (25)	
BATTERY CHEMISTRY:	Nickel Manganese Cobalt (NMC)	
WARRANTY:	10 years or 7.56MWh Throughput (per module)	

<sup>4</sup>PV Link can tolerate higher than rated power at its input if Max Input Voltage and Short Circuit Current specifications are not exceeded

<sup>5</sup>Charge/discharge rate may be reduced at temperature extremes

EX BATTERY MODULE		
NOMINAL VOLTAGE:	43.2 VDC	
USABLE CAPACITY @ TYPICAL VOLTAGE:	3.00 kWh	
MAXIMUM AMBIENT OPERATING TEMPERATURE RANGE:	14 to 122 °F (-10 to 50 °C)	
OPTIMAL AMBIENT OPERATING TEMPERATURE:	41 to 104 °F (5 to 40 °C)	
STORAGE TEMPERATURE RANGE:	68 °F (20 °C)	
SCALABILITY:	3-6 pcs in series	
DIMENSIONS, L x W x H - IN (MM):	17.3" x 17.7" x 3.5" (440 x 450 x 88)	
WEIGHT - LB (KG):	58.6 (26.6)	
BATTERY CHEMISTRY:	Lithium Nickel Manganese Cobalt (NMC)	
WARRANTY:	10 years or 7.56MWh Throughput (per module)	

Note: Charge/discharge rate may be reduced at temperature extremes

**PWRmanager**

NO. OF 120 V RELAYS	12
HVAC RELAYS	2
CURRENT RATING	60 Amps per relay
CONNECTIONS	WiFi, Ethernet
DIMENSIONS, L X W X H - IN (MM):	17.7" x 12.2" x 5.5" (449.58 x 309.88 x 139.7)
WEIGHT - LB (KG):	13.23 (5.2)
COMPLIANCE	UL-916, FCC, IC, Surge IEC 61000-4-5
ENCLOSURE	NEMA 3R
WIRE GAUGE	#14 to #6 AWG
OPERATING TEMPERATURE	-40°F to + 122°F (-40°C to + 50°C)
WARRANTY	10 YEAR LIMITED

**PWRgenerator**

RATED MAXIMUM CONTINUOUS POWER CAPACITY, DC (LP):	9,000 W
RATED MAXIMUM CONTINUOUS POWER CAPACITY, DC (NG):	9,000 W
I/O (OUTPUT POWER FORMAT):	Rebus DC 380V
ONBOARD BATTERY REQUIREMENT (NOT INCLUDED):	12 V, Group 26R 540 CCA Minimum
UNIT WEIGHT (LB/KG):	416 / 189
DIMENSIONS (L X W X H) IN/CM:	48 x 25.1 x 28.6 / 121.9 x 63.8 x 72.6
SOUND OUTPUT, DB(A) AT 23 FT (7M) WITH GENERATOR OPERATING AT NORMAL LOAD:	61 dBA
SOUND OUTPUT, DB(A) AT 23 FT (7M) WITH GENERATOR OPERATING AT LOW-SPEED EXERCISE MODE:	51 dBA
EXERCISE DURATION AND FREQUENCY:	5 Min, Once per Month
FUEL CONSUMPTION***:	NATURAL GAS*:
	1.5 / 51.6 @ 1/2 Load
	2.5 / 88.9 @ Full Load
	PROPANE**:
	0.5 / 2.0 / 20.0 @ 1/2 Load
	0.9 / 3.4 / 33.0 @ Full Load
COMPLIANCE CERTIFICATIONS:	UL2200, NEC 445.18, 110.25, CSA C22.2 NO. 100-14, EPA (PART 90 PHASE 1), NEMA, IFGC 301.5, ISO 9001, SWRI – MIN. 18" STRUCTURE OFFSET, NFPA 37, ISTA 3B
SERVICE INTERVAL:	500 HRS Runtime



# SAVINGS POWERED BY THE SUN

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Generac Power Systems, Inc.  
S45 W29290 Hwy. 59, Waukesha, WI 53189

[www.Generac.com](http://www.Generac.com) | 888-GENERAC (436-3722)

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