



GENERAC[®]

SnapRS RS802

Product Launch
June 2022

SnapRS - RS802



- The SnapRS802 is a next generation rapid shut down device from Generac for solar + storage systems.
- It has been designed, engineered and built to the highest quality standards while also exceeding industry standards.
- Safe and reliable
- Fast, easy, and simple to install
- 2017/2020 NEC 690.2 compliant
- Achieves PVRSS compliance
- UL 1741 listed
- Low cost, high efficiency solution



SnapRS 802 | System Design



- Snap the Generac SnapRS (RS in diagram) RS802 disconnect device to the negative lead of each module in the solar array for simple module-level rapid shutdown compliance
- The SnapRS 802 will isolate array voltage when a rapid shutdown is initiated at a PWRcell Inverter
- When a rapid shutdown is initiated, the SnapRS 802 units isolate each PV module in the array, reducing array voltage to <80V in seconds

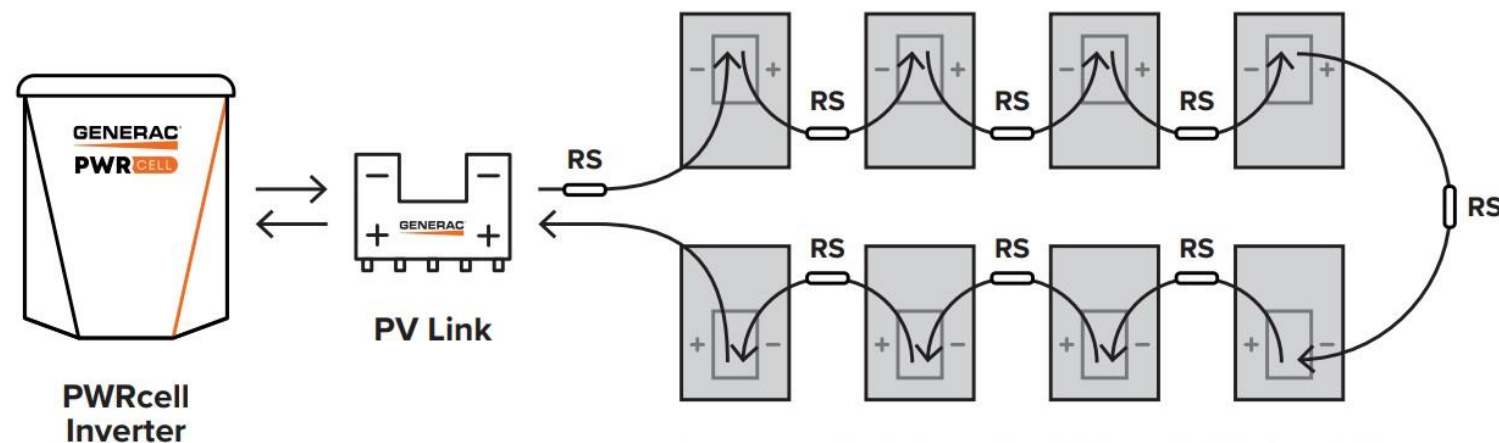


Diagram is applicable for most 60 cell PV modules. Modules with higher cell count may require a different arrangement. Contact Generac for more details.



SnapRS - RS802



Safe and reliable. Exceeds UL 1741 requirements.

ZERO failures throughout intense testing:

- Powered Thermal Cycle w/Humidity (PTCH), 1600 hours of continuous testing
- High Temperature Operating Life (HTOL), 1350 hours of continuous testing at 80°C
- High Temperature Saline Submersion, 150 continuous hours of testing in 5% Saline and was a controlled temperature of 70°C (158°F)

Compatible with Solar Panels up to 12 Amps ISC STC.

**15 Amps at maximum current. Must be DC panels.*

Available Now.

Holistic Approach to Quality

Firmware

Operation & Detection: Robust fault detection & prevention and Optimized on/off control algorithm

Manufacturing Process

Quality Control: Conformal coating cure process and Pottant dispensing process

PCB Positioning & Boss Removal

Water Ingress: PCB Centered within SnapRS tub and Removal of positioning boss eliminating water ingress path

Pottant

Mechanical Stress & Thermal Performance: New pottant providing greater mechanical protection & Increase thermal management

13A to 15A Maximum Current

Expanded Compatibility: Increased maximum input current from 13A to 15A – covers wide range of high-powered modules

Next Generation

SnapRS 802

Rapid Shutdown Device

Visual Differences

SnapRS 801

PVRSS Controlled Device - Conforms to UL1741, Certified to CSA 22.2 #107.1, Enclosure rated to NEMA 6, See product manual for warnings

Max input voltage: 75VDC, Max input current: 13A
Temperature range: -40° to 70°C, Response time: <10s

GENERAC SnapRS™ / RS801
Mfg: Z Date: Q CDD

Serial: AXXXXXXXXXX



SnapRS 802

PVRSS Controlled Device - Conforms to UL1741, Certified to CSA 22.2 #107.1, Enclosure rated UL TYPE 6P, See product manual for warnings

Max input voltage: 80VDC, Max input current: 15A
Temperature range: -40° to 70°C, Response time: <10s

GENERAC SnapRS™ / RS802
Mfg: Z Date: Q CDD

Serial: AXXXXXXXXXX



Model Info & Availability

- Model #: RS802
- Available for order & shipping NOW
- Work with your Generac Sales Representative if you have any questions as it relates to the new SnapRS802 devices.



RS802 Installer Promotion


FREE SnapRS RS802's on your next 5 jobs*!

Receive up to 144 next-generation rapid shutdown devices or enough for your next 5 jobs, whichever comes first.

- Timing: June 8 – August 31, 2022
- Purchase a PWRcell inverter & battery cabinet and receive FREE SnapRS RS802 devices needed for that job. Redeemable up to 5 jobs or 144 RS802 devices, whichever occurs first.
- PWRcell orders must be placed with your local CED Greentech location. Qualifying orders will receive free RS802 devices as outlined in promotion terms. CED Greentech will track devices and/or jobs by installing company.

**Terms and conditions apply. This promotion is only open to qualified contractors in the United States and Canada. A "qualified contractor" includes only a valid, operating legal entity (including its affiliates) that has satisfied all of the criteria set forth below, and excludes individual licensed contractors that work for such entities or separate accounts maintained by such entities. To redeem, installers must place an order of a PWRcell inverter and PWRcell battery cabinet with any CED Greentech location, which will then be fulfilled with free RS802 SnapRS devices. Redeemable up to 5 jobs or 144 RS802 devices, whichever occurs first. Jobs are defined as the purchase of a PWRcell inverter and a PWRcell battery cabinet and required SnapRS 802 devices based on system configurations. Offer valid only from 12:00am June 8, 2022 through 11:59pm PT August 31, 2022.*





FREE SnapRS 802's on your next 5 jobs!*

JUNE 8 - AUGUST 31, 2022

Receive up to 144 next-generation rapid shutdown devices or enough for your next 5 jobs, whichever comes first.

To take advantage of this exclusive offer:

- Purchase a PWRcell inverter & battery cabinet and receive FREE SnapRS RS802 devices needed for that job. Redeemable up to 5 jobs or 144 RS802 devices, whichever occurs first.
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Next-generation rapid shutdown device

- Safe and reliable
- Exceeds UL 1741 requirements
- Compatible with solar panels up to 12 Amps ISC STC

Our Welcome Offer to You:

\$1,000 cash back on your 1st install

- Install & activate 1st system
- Complete form on webpage

GENERAC HOMEOWNERS BUSINESS & INDUSTRY GRID SERVICES DEALERS & INSTALLERS

THE PWRCELL WELCOME OFFER:
\$1,000 Cash Rebate

EXCLUSIVE PROMOTION FOR FIRST-TIME INSTALLERS

TRY PWRCELL & GET REWARDED WITH A \$1,000 REBATE*

JANUARY 15, 2022 - JUNE 30, 2022

*Notary or POA form fee will be covered for your customers who are awarded the reward and who can also take advantage of a special \$5,000 rebate on their 1st system installation.

The PWRcell Welcome Offer is available to only 1st time or organizations that install and register their first system between January 15, 2022 and June 30, 2022. Not new and takes this offer while it lasts. Terms and conditions apply. [See details](#)

HOW TO REDEEM THIS OFFER:

1. Become a Generac PWRcell Certified Installer [Start Here](#)
2. Install a PWRcell Solar + Battery Storage System January 15, 2022 - June 30, 2022
3. Activate the PWRcell Solar + Battery Storage System at [PWRcell.Generac.com](#)
4. Fill out and submit the redemption form below

PWRcell Welcome Offer Redemption Form

PLEASE COMPLETE THE FORM BELOW TO RECEIVE THE \$1,000 CASH REBATE. IF YOU ARE NOT A GENERAC PWRCELL CERTIFIED INSTALLER, PLEASE CONTACT US AT [PWRcell.Generac.com](#) FOR MORE INFORMATION.

(*) Required fields

First Name* Last Name* Company*

Doc ID* Phone* Email*

INSTALLER OR GENERAC PWRCELL INSTALLER ☐

MAKING YOU FOR \$1,000 CASH REBATE ☐

SUBMIT



Generac.com/pwrcell/welcomeoffer

PWRcell Training Update

- PWRcell training now **2-year** certification
 - Effective Jan 1, 2022
- Same certificate, two choices of learning

ESS160 – 1-DAY COURSE

- Live Streamed
- Ability to perform warranty repairs on PWRcell System
- 5 NABCEP credits

OR

ESS165 – SELF-PACED, ONLINE COURSE

- Online, self-paced
- 30 days to complete
- Ability to perform warranty repairs on PWRcell System



Key Takeaways

- **Next-Generation rapid shutdown device NOW AVAILABLE!**
 - Safe & reliable. Exceeds UL1741 requirements.
 - Compatible with solar panels up to 12 Amps ISC STC
 - Shipping & available now
- **ACT NOW:**
 - **FREE SnapRS RS802s on your next 5 jobs**, exclusively through CED Greentech
 - June 8 – August 31
 - **\$1,000 Welcome Offer**
 - If you haven't installed your first PWRcell yet, now is the BEST time to do so.
- Watch your email for launch materials



Thank You!

Questions?

Type into Questions box.