

GENERAC

SnapRS™

Inline Disconnect Switch
Model: APKE00011
Certification Model Reference: RS801



Generac SnapRS are a simple way to satisfy rapid shutdown compliance for solar + storage systems. Generac SnapRS are 2017/2020 NEC 690.12 compliant, don't require any extra hardware to mount, and need no pairing or fussy digital communications.

FEATURES & BENEFITS

- Fast, easy, and simple to install
- One SnapRS device per PV module
- Achieves PVRSS Compliance
- Low cost, high efficiency solution

SYSTEM DESIGN

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

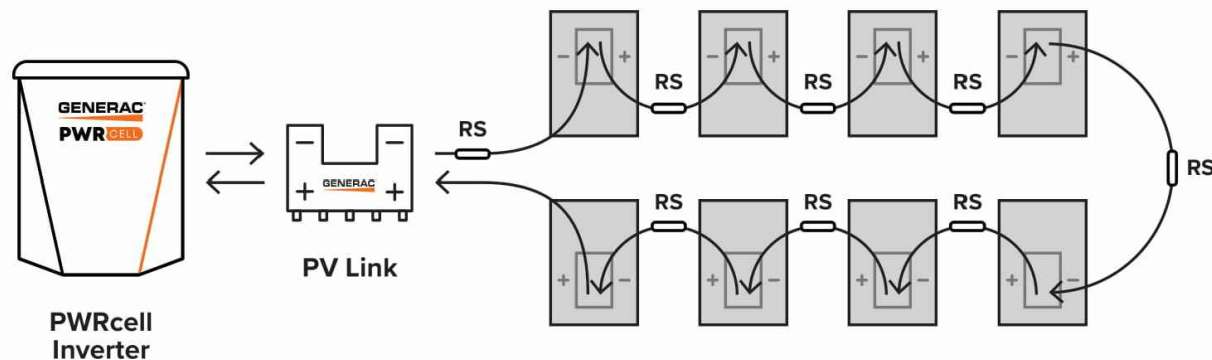


Diagram is applicable for most 60 cell PV modules. Modules with higher cell count may require a different arrangement. Contact Generac for more details.

Specifications

| SnapRS™ (APKE00011) | |
|---|------------------------------------|
| PV MODULE MAX VOC: | 75 V |
| EFFICIENCY: | 99.8%* |
| MAX INPUT CURRENT: | 13 A |
| SHUTDOWN TIME: | < 10 Seconds |
| ENCLOSURE RATING: | NEMA 6P |
| OPERATING TEMPERATURE - FAHRENHEIT (CELSIUS): | -40 to 158 °F (-40 to 70 °C) |
| CERTIFICATIONS: | UL1741 |
| PROTECTIONS: | PVRSE |
| WEIGHT - LB (KG): | 0.17 (0.08) |
| DIMENSIONS, L x W x H - IN (MM): | 7" x 1" x 1" (177.8 x 25.4 x 25.4) |
| WARRANTY: | 25 Years |

*When used with a 50V panel

Connect one SnapRS device to the negative lead of each PV module in the PV Link controlled array for complete PV Rapid shutdown performance



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GENERAC



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REVISIONS

| DESCRIPTION | DATE | REV |
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| | | |
| | | |

Signature with Seal

DATE: 9/9/2020

PROJECT NAME & ADDRESS

MASAKO S GREEN
RESIDENCE
15519 PIEDMONT STREET,
DETROIT, MI 48223

SHEET NAME
EQUIPMENT
SPECIFICATION

SHEET SIZE

ANSI B
11" X 17"

SHEET NUMBER

PV-8