

## **SnapRS**<sup>TM</sup>

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.

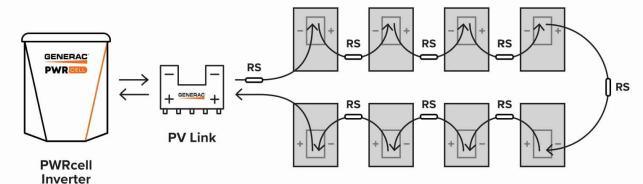


Diagram is applicable for most 60 cell PV modules. Modules with higher cell count may require a different arrangement. Contact Generac for more details.

### **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	

<sup>\*</sup>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



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

www.Generac.com | 888-GENERAC (436-3722)

A0000528183 REV C

©2020 Generac Power Systems. All rights reserved. Specifications are subject to change without notice.



# POWERHOME



REVISIONS			
DESCRIPTION	DATE	REV	
·			

Signature with Seal

DATE: 9/10/2020

PROJECT NAME & ADDRESS

JERMEELE V WILSON RESIDENCE 14621 WARWICK ST., DETROIT, MI 48223

SHEET NAME
EQUIPMENT
SPECIFICATION

SHEET SIZE

ANSI B 11" X 17"

SHEET NUMBER

PV-8