

Smart Disconnect Switch (SDS)

MODEL NUMBER : APKE00067

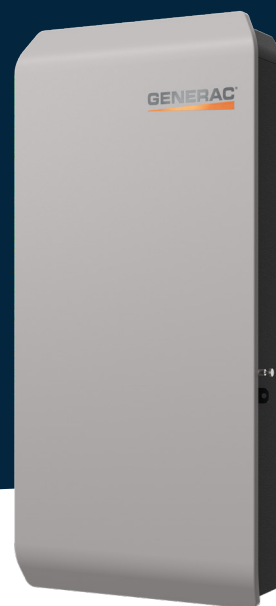
The Smart Disconnect Switch is a versatile and powerful addition to the PWRcell 2 system that aggregates all power generation sources into one hub - supporting AC PV, battery backup (OR storage) and generator. It is rated for both service entrance and non service entrance lending flexibility of installation. SDS also has incorporated PCS (power control systems) functionality, allowing for future increase in solar and storage without upgrading the main service panel.

Features & Benefits

- Expandable up to 19.2 kW PV, up to 23 kW battery backup, 26 kW home stand-by generator
- Seamless home standby generator integration for exceptional resiliency
- Wi-Fi, LTE connectivity
- Supports both partial and whole home backup

GENERAC™

PWRcell 2
HOME ENERGY STORAGE SYSTEM



Specifications

PERFORMANCE	
AC Voltage (Nominal)	120/240
Feed-In Type	Split phase
Grid Frequency	60
Current Rating	200
Maximum Input Short Circuit Current	22
Automatic Transfer Time	< 50
Overcurrent Protection Device	Main breaker (EATON 2-pole series only): CSR2100N (100A), CSR2125N (125A), CSR2150N (150A), CSR2200N (200A)
Overvoltage Category	IV
Meter Accuracy	ANSI C-12.20-2015 Class 0.5 (±0.5%) OR C-12.1-2022 Class 0.5 (±0.5%)
Primary Connectivity	Wi-Fi
Secondary Connectivity	Cellular (LTE CAT-M1), ethernet
System Control Method	CAN
Warranty	10 years
MECHANICAL	
Dimensions (L x W x H) - in (cm)	17 x 7.1 x 36.4 (43.18 x 18.03 x 92.45)
Weight - lbs (kg)	59 (26.76)
Mounting Options	Wall

ENVIRONMENTAL	
Operating Temperature	-4 to 122 °F (-20 to 50 °C)
Operating Humidity	Up to 100% condensing
Maximum Elevation - ft (m)	9,842 (3000)
Environment	Indoor and outdoor rated
Enclosure Type	Type 3R
COMPLIANCE	
Certifications	UL 1741, UL 1741 SA, UL 1741 SB, UL 1741 PCS CRD, UL 869A, UL 67, IEEE 2030.5, CSIP
Emissions	FCC Part 15 Class B
INTERCONNECTION	
Maximum Back Up Load Panel	200 A
Maximum Non-Back Up Load Panel	100 A
Generac Generator	Up to 26 kW
AC PV	100 A
ESS 2	60 A
ESS 1	60 A

CONFIGURATION

Whole Home Backup

The SDS is an integral component of the PWRcell 2 Home Energy Storage System.

