

SAVANT



POWER STORAGE 20

An all-in-one performance battery and inverter solution that's powerful yet simple to install. Scales to handle electrical services up to 800A with multiple units, delivering clean reliable energy to every circuit in the home.

INVERTER

Continuous Inverter Output	12.5 kW
Maximum Surge Output	21 kVA, 10s / 35 kVA, 20ms
Interconnection Rating	100A, per Power Storage 20
Interconnection Voltage	120/240 V
Interconnection Frequency	60 Hz
Grid Transfer Time	< 70 ms
Split Phase Load Imbalance	100%
Power Factor	0.8 +/-
Total Harmonic Distortion	< 3%
Round Trip Efficiency*	93.8 %

*CEC rated efficiency

BATTERY

Rated Energy Capacity	20 kWh
Usable Battery Capacity	18.5 kWh
Battery Voltage, Nominal	384V
Battery Chemistry	LiFePO ₄

SAVANT POWER SYSTEM

Single App Experience	Yes
Load Management Platform	Included
Connectivity	Wi-Fi, Wired, Cellular
Deployment	Savant Power & Light App Savant RacePoint Blueprint

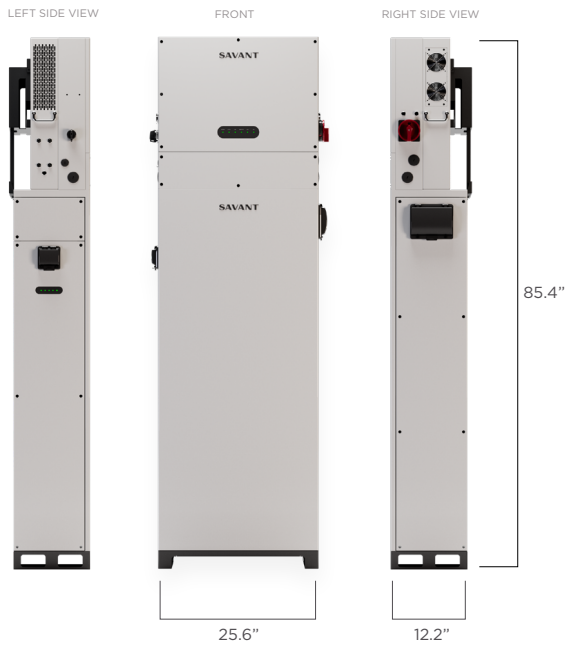
POWER SOURCE COMPATIBILITY

Maximum Solar Input (DC)	17 kW
Maximum Solar V _{oc}	450 V
Solar MPPTs	2
Strings/MPPT	2
Maximum Solar Current, I _{sc}	26A
MPPT Efficiency	99%
Sunspec RSD Transmitter	Integrated
AC Coupled Solar Support	12.5 kW
Automatic Generator Support	Yes

LIFE CYCLE

Rated Cycles*	6000
Estimated Capacity, 10 Years	75%
Warranty	10 Years

*Based on 90% DoD / 0.5C



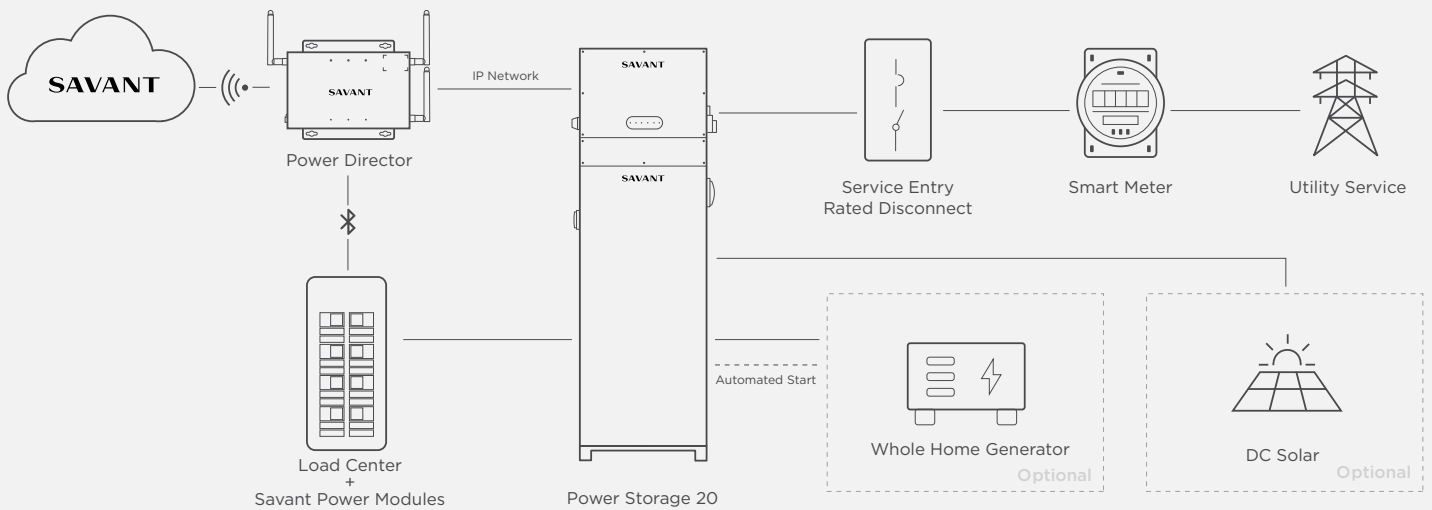
PHYSICAL SPECIFICATIONS

Total Unit Dimensions (WxHxD)	25.6 x 85.4 x 12.2"
Total Unit Weight	600 lbs
Battery Module Weight	47.4 lbs
Inverter (PCS) Weight	102 lbs
Enclosure Type	NEMA4X
Inverter/Battery Installation	Stacked or Separate
Operating Temperature	32°F - 113°F
Recommended Temperature	50°F - 95°F
Altitude	< 9842 ft
Noise Level	< 55 dB

CERTIFICATIONS

Certifications	UL 1741 SA, UL 1741 PCS, UL9540, UL 1973, UL 1642, UL 1998, CSA 22.2
Grid Interconnection	IEE 1547, Rule 21
Emissions	FCC Part 15 Class B

WHOLE HOME BACKUP



PARTIAL HOME BACKUP

