SAVANT

POWER SYSTEM

Making Every Electrical Panel Smart

SAVANT

Savant Power Systems deliver visibility to energy production and consumption trends, help you weather a power outage, as well as help you offset peak utility rates when on the grid and optimize your energy usage when off the grid.

SAVANT

savant.com/power

Savant Power System

The Savant Power System is a complete energy management solution that provides revenue-grade energy monitoring and circuit level control.

Paired with the Savant mobile app experience, homeowners can make intelligent energy choices based on weather conditions, time of use pricing, and more.
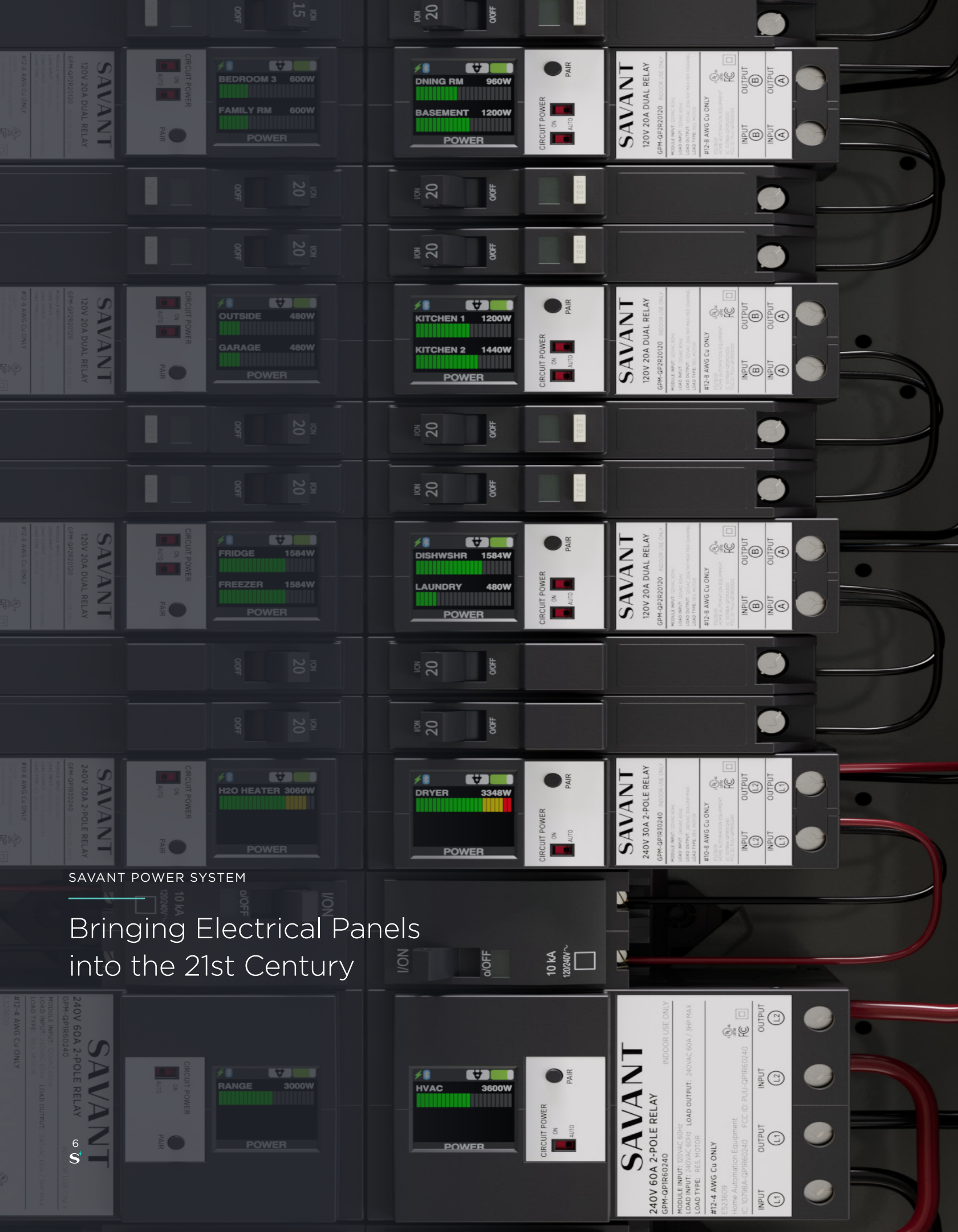
- Real-time energy monitoring
- Energy production and consumption history
- Flexible Load Management
- Energy insights
- Energy modes including Eco Mode, Power Outage mode and more
- Time of use mitigation
- Compatibility with generator & energy storage solutions

With a Savant Power System any load can be critical. The Savant App allows the homeowner to choose any combination of loads to activate during a power outage, while delivering visibility and insight to maximize generator capacity and estimated battery life.

Energy Modes proactively manage energy based on the state of the grid, weather events and time-of-use utility rates.

Storm Watch automatically reserves all available battery storage for a predicted off-grid weather event, storing energy and protecting the home from a possible outage.

SAVANT POWER SYSTEM

Bringing Electrical Panels into the 21st Century

Finally, an energy solution designed with you in mind.

Savant Power Modules are compatible with leading brand electrical panels.

Schneider Electric   SIEMENS   GE   EATON   ABB

Savant Power Systems are designed with a foundation built on the standard electrical panel, making installation quick and easy. Each module delivers revenue-grade energy monitoring at the circuit level, and consume minimal space thus keeping utility rooms and spaces efficient.

- Single and 3-phase compatibility
- Control of any circuit 15A or greater
- Bluetooth communication eliminates the need for low voltage wiring
- Quick on-device circuit naming and setup

- Supports monitoring and management of all electrical loads, including appliances and lighting
- Supports energy optimization and helps balance utility time-of-use rates
- For ease of installation, modules are available in choice of pigtail or plug-on neutral

Energy Solutions for Any Project

Energy Monitoring
Stay Informed on Energy Trends

Get started by delivering visibility to energy production and consumption, helping homeowners make intelligent energy decisions. Easy to retrofit into any home, single-phase energy monitoring kits are now available.

Smart Energy Monitoring

Energy Management
Manage On-Grid & Back-up Power

When paired with an automatic generator, critical circuits can be actively managed during an outage; energy modes and scenes can be automatically triggered and managed.

The system also delivers real-time energy management features, both on and off the grid, scalable from one to hundreds of circuits. The Savant Power System Kit is now available, designed for control of 31 circuits.

Savant Power System

Energy Independence

Manage On-Grid, Back-up & Renewable Power

Reduce complexity for homeowners with multiple power sources, including visibility to and management of on-grid power, solar production, automatic generators and battery storage solutions.

With available battery storage, the home's power can seamlessly transition between on and off grid, helping improve local grid resiliency during high usage periods as well as reduce the cost of daily peak energy rates.

The Savant Power System is compatible with industry-leading storage solutions.

Savant offers fully scalable battery storage kits supporting up to 800 AMP systems, capable from 7kW/11kWh to 144kW/384kWh.

Custom system design available for systems requiring estate-level energy management commercial capabilities.

Eco Mode optimizes available power for the home, leveraging locally-generated or stored energy to offset high-cost 'peak' utility rates and maximizing efficiency.

ENERGY
DASHBOARD

Eco Mode >

| Importing 2.2 kW | In-use 38% | Producing 15.3kW | Inactive |

Live Consumption

Current usage
8.4 kW
10.4 kW average
14kW peak

Total today
24 kWh
▼ 33% less than yesterday

6am 8am 10am 12pm 2pm 4pm Now

Top Consumers >   Live Data

The Savant Power System is compatible with the latest technology from best-in-class industry leading experts.

The Savant Power System is quick and easy to install, can be right-sized for any home, and are designed with a foundation built on compatibility with standard electrical panels and widely available energy storage and electrical vehicle charging solutions.

Schneider Electric

ABB

Schumacher

EATON

GENERAC

SIEMENS

HOMEGRID
POWERED BY LITHION

GE

Sol-Ark
LIMITLESS POWER

FORTRESS POWER
Secure your energy

TESLA ENERGY

solaredge

sonnen

Savant Power System products are designed to integrate with automatic generators and industry-leading energy storage systems, leveraging the power of Savant to support efficient, accessible renewable and smart energy solutions.
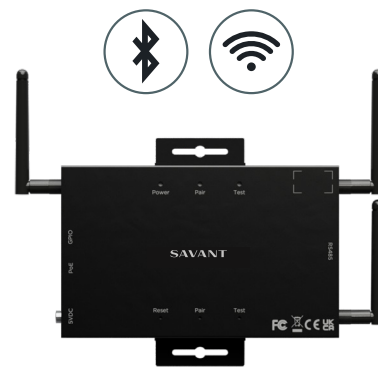
Smart Energy as a Foundation

Savant Power Systems provide the infrastructural benefit of secure, reliable energy for every home. The Savant Power Director and Savant Power & Light App deliver a dedicated energy experience with flexibility for the future.

All-in-one Dedicated Solution

The **Savant Power Director** provides:

- Secure control of every Savant Power Module in the breaker panel
- Coordination with automatic generators, smart inverters & batteries
- An app-driven Smart Energy Experience for the homeowner
- Wired and wireless network connectivity

Savant Power Director

Simple & Quick Configuration

The **Savant Power & Light App** offers a seamless configuration experience - from hardware discovery and setup, to energy scene creation and system delivery. Also use the app for advanced settings, including circuit testing, battery storage system integration, the creation of energy scenes and more.

Savant Power Modules can be configured and paired to the Power Director through a simple on-device process.

Savant Power & Light
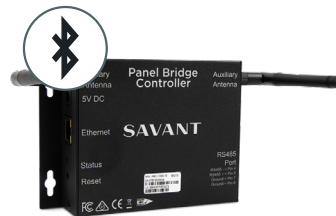
Smart Energy for the Smart Home

A Savant Power System provides a solid foundation for all of the experiences delivered in the Savant smart home and can leverage the same Savant Host to automate the power in the home.

These solutions are deployed using Savant's Racepoint Blueprint software that professionally configures all elements of the smart home.

Scalable by Design

The **Panel Bridge Controller** and **Smart Energy Monitor** work together to provide:

- Secure control of every Savant Power Module in the breaker panel
- Energy monitoring for additional circuits
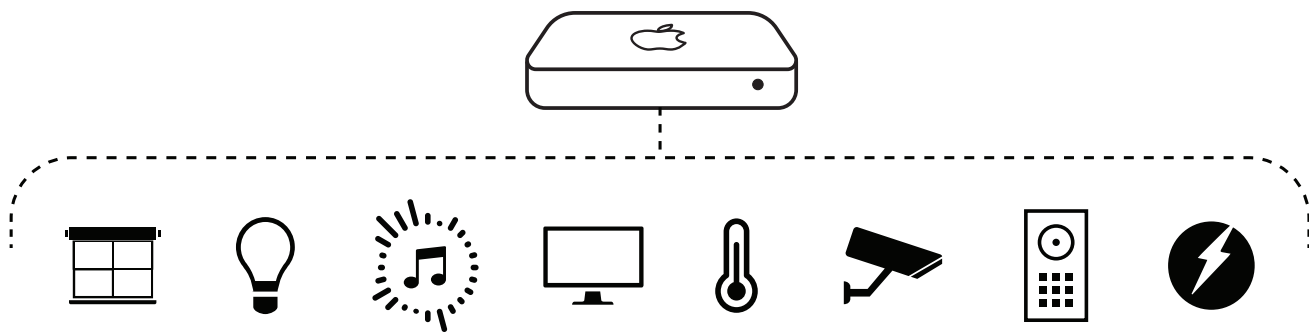- Scalability for large Smart Energy projects

Panel Bridge Controller

Smart Energy Monitor

The **Savant Host** provides:

- An app-driven Smart Energy Experience for the homeowner

- Smart Home features for entertainment, lighting, security & more

- Control & coordination of all Savant Power Modules, automatic generators, smart inverters & batteries
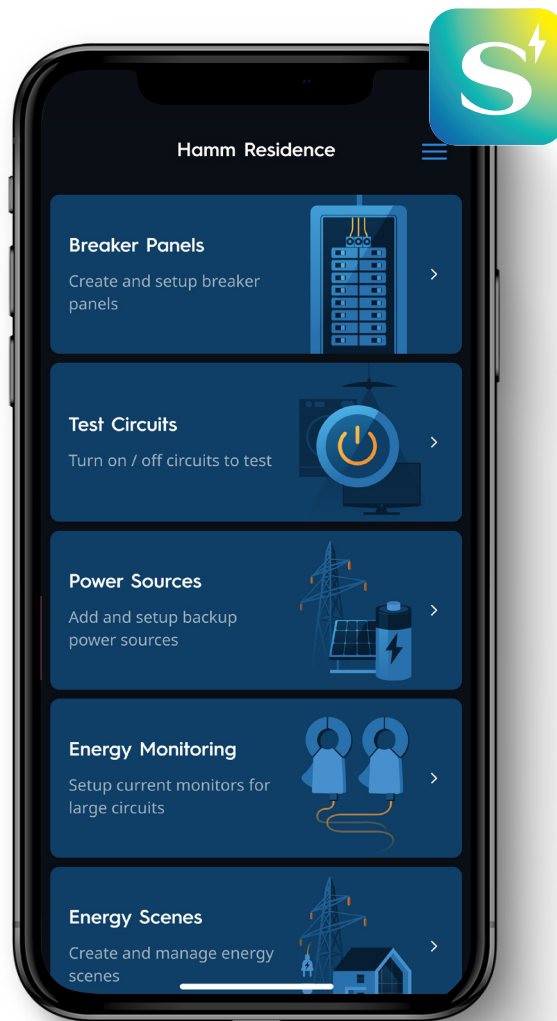
Savant Host + Smart Home Experience

On-Device Setup

Setup of a new system can be done using the built-in user interface on the Savant Power Module, each module can be installed, named and paired by the electrical contractor even before the network is present.
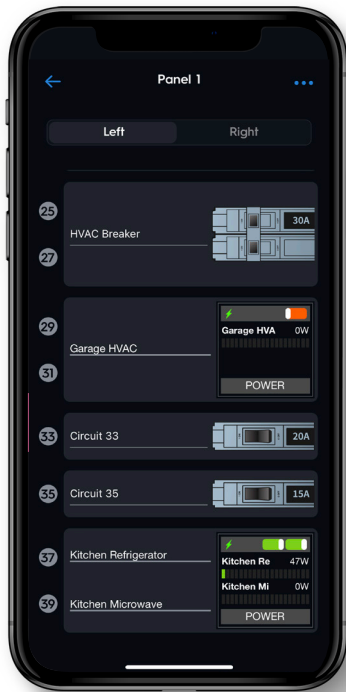
Advanced settings and features can be configured using our simple iOS/Android app.
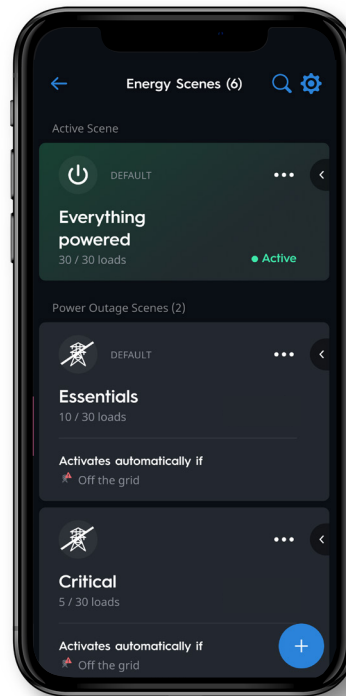
Savant Power & Light App

Efficiently deploy scalable energy solutions that are perfectly tailored for your client's home, all from one convenient app—no matter how many power sources your clients need to manage.

The Savant Power & Light App automatically discovers Savant Power Modules and allows you to define power sources and priority and helps you configure energy scenes that can be activated during any type of energy event.
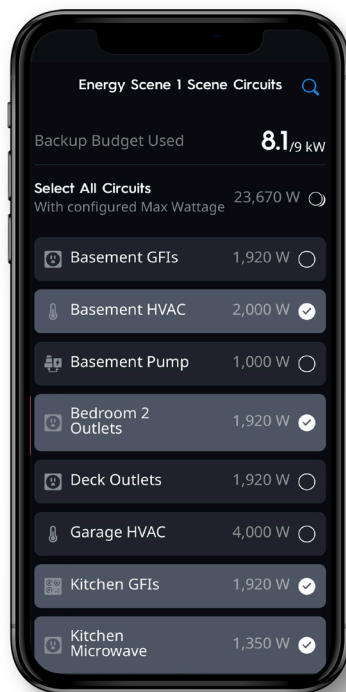
PANEL LAYOUT
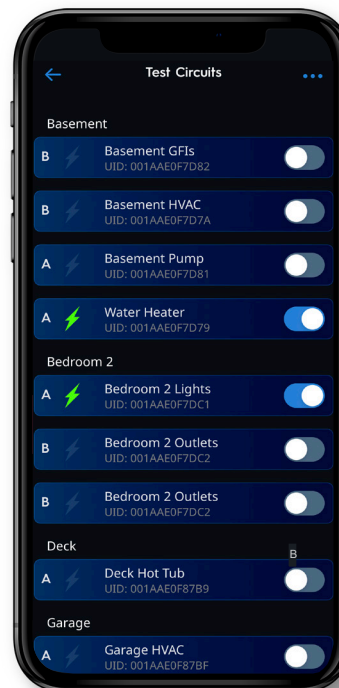Easily build out your smart panel with Savant Power Modules and breakers.

ENERGY SCENES
Configure energy use based on grid outage, state of charge and schedule.

ENERGY BUDGET
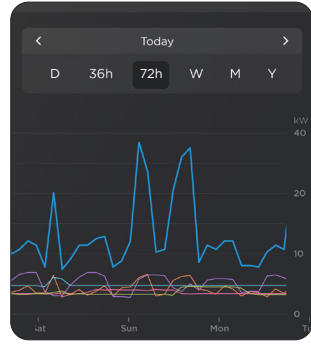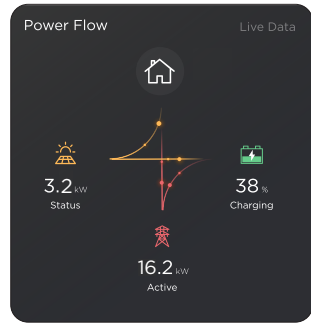Back-up power sources define the energy budget for each scene.

TEST & MONITOR
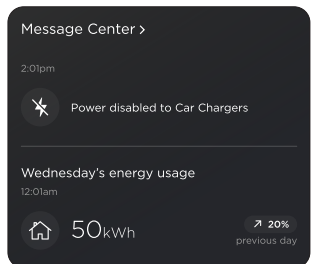Control every circuit, monitor live energy readings and verify how the power is being automated.

Savant App

ENERGY
DASHBOARD

Eco
Mode >

Importing
1.9kW

In-Use
96%

Producing
1.6kW

Ready
to Use

Top Consumers >   Live Data

- HVAC
- Oven
- Outdoor lights
- Main floor lights
- Basement lights
- Other

Live Consumption

● Current usage   Total today

3.2 kW   12 kWh

Today

D   36h   72h   W   M   Y

kW
40

20

10

0

iat   Sun   Mon   Tu

Review historical energy
trends and identify
top consumers.

Power Flow   Live Data

3.2 kW   38 %
Status   Charging

16.2 kW
Active

View real-time power flow
between energy sources
and the home.

Message Center >

2:01pm

Power disabled to Car Chargers

Wednesday's energy usage
12:01am

50 kWh   ↗ 20%
previous day

View daily & weekly
insights about your energy
consumption and power-
related events.

An energy dashboard that is uniquely tailored to the specific energy solutions deployed
in the home, allowing clients to focus their energy as they require.

STORM WATCH
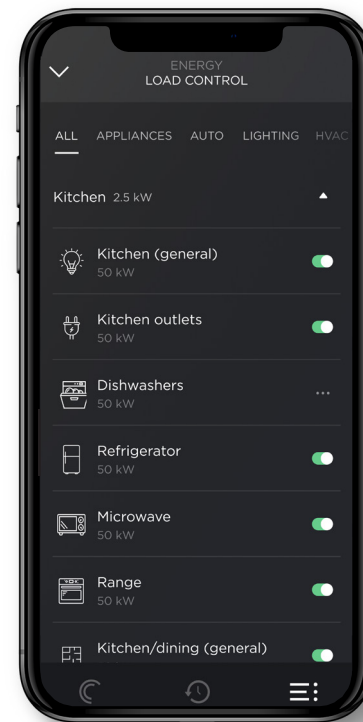Quickly store energy and protect the home for possible outages.

POWER OUTAGE
Automatically power critical loads when the grid goes down.

OFF GRID
Energize the home without drawing power from the utility.

LOAD CONTROL
Directly turn on or off any circuit in the home as needed.
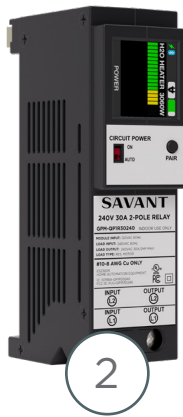
200 AMP Savant
Power System Kits

Power System Kit - What's Included?

Every Savant Power System starts with making the electrical panel smart. Purchase a bundled kit for your load center of choice, designed, designed for management of 31 circuits, or purchase individual Power Modules to scale management from one to hundreds of circuits. Install Power Modules into a standard electrical panel with available slots or into a dedicated electrical sub-panel.

Dual 20AMP Relay Module

The 120V 20A Dual Relay Module controls up to two 20A circuits; ideal for outlets, kitchen appliances, lighting & more.
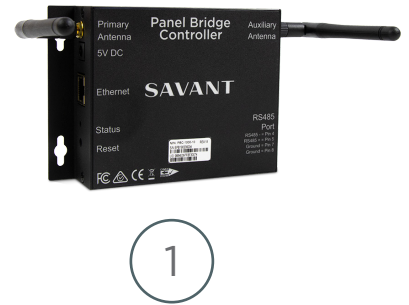
30AMP Relay Module

The 240V 30A Relay Module controls up a single circuit up to 30A; ideal for larger appliances and sub-systems.

60AMP Relay Module

The 240V 60A Relay Module controls up a single circuit up to 60A; ideal for central heating & cooling, sub-panels, EV chargers & more.

Communication Gateway

The Panel Bridge Controller is the gateway between the Savant Home and Power Modules, provide secure communication to up to 40 Modules.

Power System Kit - Recommended Add-ons

LIGHTING

Modules are available in both Relay and Dimming technologies to provide robust lighting control and complement energy applications.

ENERGY MONITORING KIT

Easily monitor total power consumption and alternative power generation for the home using the Single-Phase Monitoring Kit.

Energy Storage Kits

Extend the Savant Power System to deliver energy resilience with add-on battery storage solutions.

Recommended smart inverter and battery storage combinations start at 7kW/11kWh to 144kW/384kWh.

Custom system design is available for systems requiring estate-level energy management and commercial capabilities.

200AMP Storage Systems

- Supports systems up to 200AMP
- Packages starting at 7kW/11kWh, scalable up to 14kW/37kWh

Base Configuration

- 1x Conext XP Pro 6.8kW Inverter
- 1x Conext XW MiniPDP
- 1x InsightFacility Gateway
- 1x Generac 200A ATS
- 2x eFlex 5.4kWh Batteries
- Installation Accessories

Configuration Options

- Inverter/PDP - Up to 13.6 kW
- On-wall Storage - Up to 21.6 kWh
- Freestanding Storage - Up to 37 kWh

Key Partners & Components

Schneider Conext XP
Pro 6.8kW Inverter,
PDP & Gateway

eFlex 5.4kWh
On-Wall
LFP Battery

Scalable Storage Systems

- Supports systems up to 800AMP
- Packages starting at 12kW/19kWh, scalable up to 144kW/384kWh
- Hybrid Inverter solution for both solar and battery storage, with AC or DC Solar Coupling

Base Configuration

- 1x Sol-Ark 15K Inverter
  12kWh Off-Grid, 15kW On-Grid
- 1x HomeGrid Stack'd
  19.2 kWh Storage
- Installation Accessories

200 - 800AMP
Configuration Options

- Scalable Inverters - Up to 144kW
- Scalable Storage - Up to 384kWh

Key Partners & Components

Sol-Ark 15K Inverter
12kW Off-Grid
15kW On-Grid

HomeGrid
Stack'd 19.2kWH
Freestanding Battery

Integration & Features

Extend the effectiveness of backup power, renewables and energy storage solutions with a Savant Power System. Integration is available for automatic generators and widely available energy storage solutions to unite all available sources of power to the home and provide a simple, intuitive smart power experience.

Automatic Generators

Break free from the fixed critical load panel. Savant Power Systems allow automatic generators to support more of the home and direct power where its needed most.

Compatible Storage Solutions

Savant Power Systems integrate with a growing list of energy storage solutions to enhance efficiency and offer insight on available energy and operation.

FORTRESS POWER — Schneider Electric — sonnen — solaredge — TESLA ENERGY

Grid & Generator Status

| On-Grid/ Power Outage | Off-Grid/ Energy Scenes | Back-Up Power Status |

Power & Flow Status

| On-Grid/ Power Outage | Off-Grid/ Energy Scenes | Back-Up Power Status |

SAVANT
STORAGE SOLUTIONS

in partnership with

Sol-Ark® LIMITLESS POWER — HOMEGRID POWERED BY LITHION
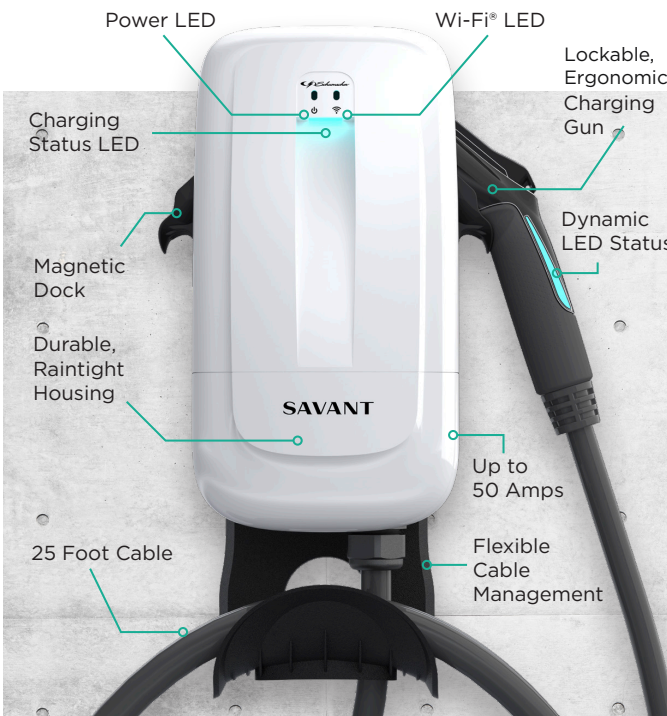
Savant Storage Solutions deliver advanced power management, optimizing available sources of power both on and off-grid to offset peak utility rates and extend stored energy for maximum benefit.

Critical and whole home back-up applications accommodate electrical services up to 800A and real-time delivery of power up to 72kW.

Advanced Modes & On-Demand Off-Grid

Enhanced On-Grid/ Power Outage	Off-Grid/ Energy Scenes	Advanced Back-Up Power Status
Storm Watch Mode	On-Demand Off-Grid Mode	Eco Mode
Available on Savant Store	Packages up to 800A Service	Packages up to 144kW/384kWh

Savant Level 2 EV Charger

The Savant LVL 2 EV Charger delivers powerful features on its own, but when installed as part of a Savant Power System it delivers added visibility and control. When connected to a Savant Power Module, the Savant LVL 2 EV Charger enables homeowners to monitor energy consumption trends, manage power usage by automatically powering down other high-current devices while actively charging, and to schedule charging, intelligently avoiding peak utility rates.

Power LED

Wi-Fi® LED

Charging Status LED

Lockable, Ergonomic Charging Gun

Magnetic Dock

Dynamic LED Status

Durable, Raintight Housing

Up to 50 Amps

25 Foot Cable

Flexible Cable Management

SAVANT EV CHARGER
in partnership with *Schumacher*

The Most Powerful Level 2 EV Charger

Up to 50 Amp Charge to Vehicles

Low Profile Design

Interchangeable Dock

25 Foot Cable

Includes Standard Wand and Tesla Adapter

3-Year Warranty

Specifications	Savant Level 2 EV Charger
Power Voltage	Level 2 (240V)
Cable Length	25 Foot
IP Rating	IP66 Enclosure
Amperage Max	50A
Wireless Compatibility	Wi-Fi® & Bluetooth®
Charging Connector	SAE-J1772 (Universal)
Weather Resistance	NEMA 3R Raintight
Output Power	208V	240VAC, 60Hz
Warranty	3-Year Warranty
Plug Type	Hardwired
Installation Type	Hardwired
Installation Location	Indoor/Outdoor

Specifications	Tesla Adaptor
Length	3.75 Foot
Compatibility	Level 1 or Level 2 Chargers
Features	Makes any universal SAE-J1772 charger Tesla compatible
	Compact size
	Attaches in seconds
	Carry bag included
Warranty	1-Year Warranty

*Tesla, Inc. is an independently owned and operated company. This product is not manufactured, approved, or endorsed by Tesla, Inc.

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