



## RAVOLT IS A WHOLE HOME POWER PLANT

RaVolt power plant's patented integration of power generation and energy storage allows for a completely grid independent home. We focus on keeping our power plant's install time to 1 day. We've thought of everything, so our box arrives on site fully integrated and preconfigured for a plug and play installation.



## WHY PARTNER WITH RAVOLT

### Easy To Install

- No solar experience required
- One day install / recovery
- More installations / Same crew
- Racking / Module / Generator independent
- No integration required / preconfigured

### Safe

- All equipment is safely outside the home
- No home Entry installations

### Robust

- True off-grid, redundant system
- Up to 3 independent power sources accepted
- Active heating and cooling fans for harsh climates
- Remote support / monitoring

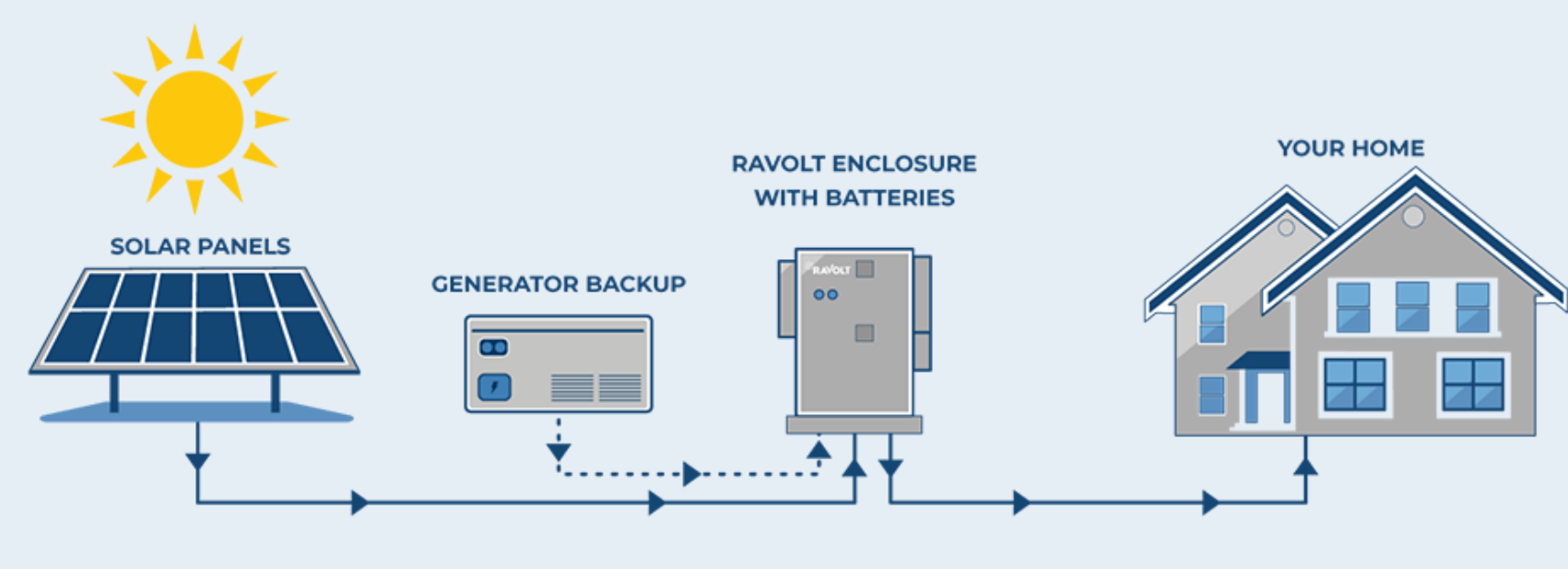
### Spatially Conscious

- No in-home space required
- A complete microgrid solution in one unit
- Small footprint

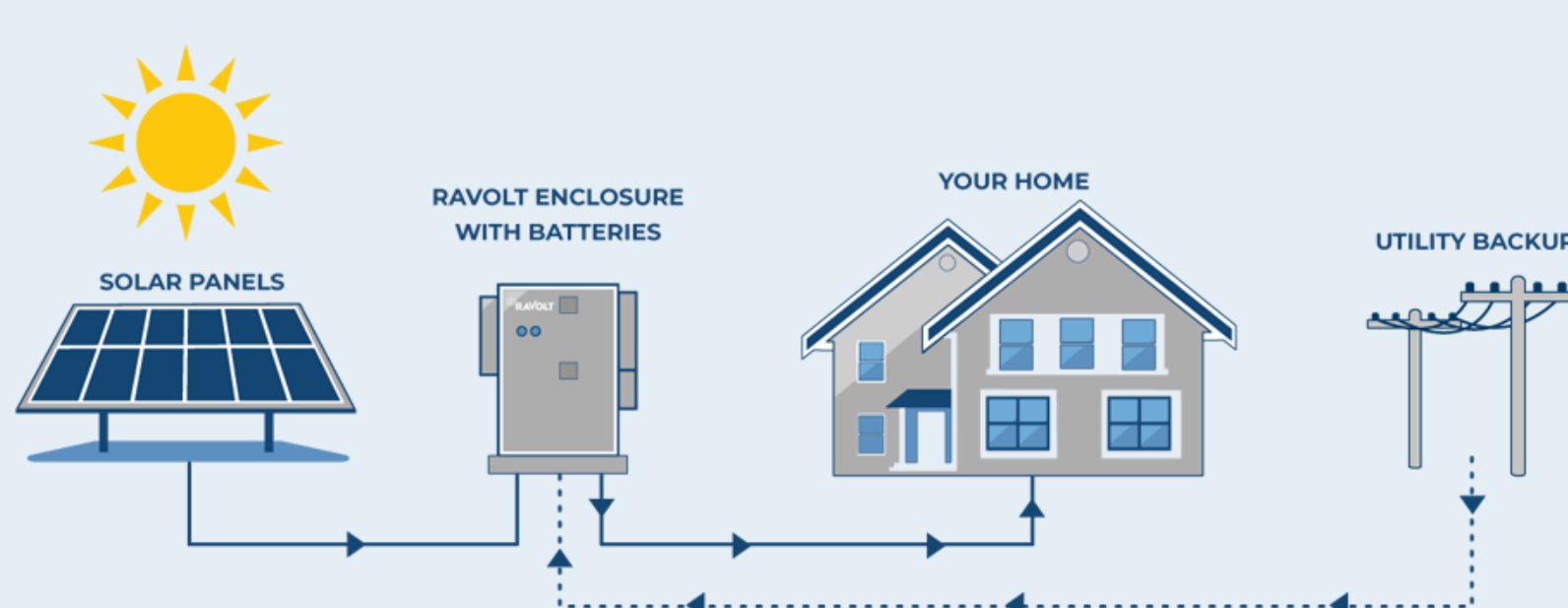


# PRODUCT CONFIGURATIONS

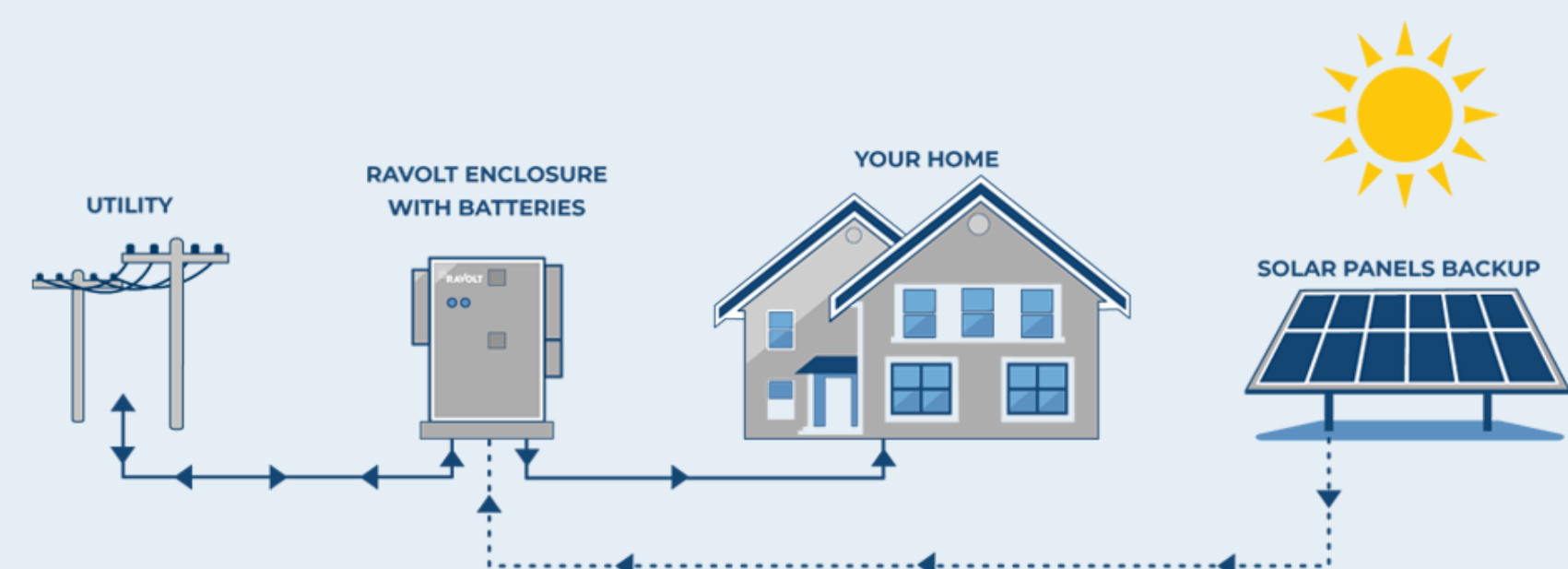
## Off-Grid



## Whole-Home Grid Tied



## Partial-Home Grid Tied



Uses:	Living off grid	Full grid Independence	Partial Back Up System
Primary Power source	Solar + Batteries OR Generator	Solar + Batteries	Grid
Backup Power source	Generator	Grid	Solar + Batteries
Standby Generator	Required	Optional	Optional
Grid Sell option	NO	YES	YES

# RAVOLT MODELS & SPECIFICATIONS

### Models

### HP12-10

### HP15-15

### Features

Output Voltage	120/240V 1Φ	120/240V 1Φ
Continuous AC Power output from PV/Battery	9kW	15kW
Peak Continuous AC Amps from PV/Battery	37.5A	62.5A
Max Solar array kW	12kW	19kW
Max input from Grid or Gen (Propane/gas/diesel)	15kW	48kW
AC Inputs	63 A main / 50A backup	200 A main / 50A backup
Preconfigured / Installed Inverter	Solark 12k	Solark 15k
Minimum usable stored energy	10 kWh	15 kWh

PV disconnect provided	Yes, 3 Strings
Emergency Generator Connection Point	Yes
AC Coupling option	Yes
Support for load management	Yes
Support for Time of Use / Peak Shaving	Yes
Dark Start*	Yes
Parallelable	Optional
Service entrance breaker	Yes, 200A
Maximum stored energy per box	20kWh

### Environmental Specifications

Operating temp range	-20F - 120F
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\*Dark Start only for typical daily use cases only, not severely diminished batteries or for RSD.  
\*\*RaVolt enclosure only, system rating requires backup power source.