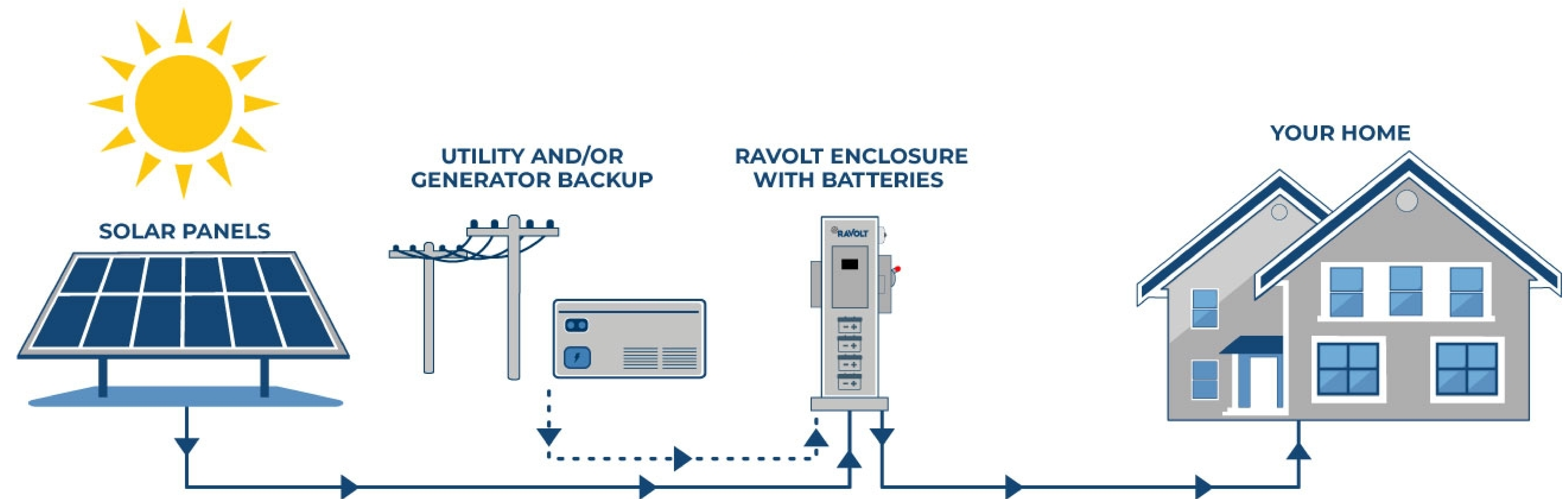


PARTNER SPECIFICATIONS



RAVOLT IS A WHOLE HOME POWER PLANT

The RaVolt Home Power Plant is a 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 IT MAKES SENSE TO 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 work required inside the home

Robust

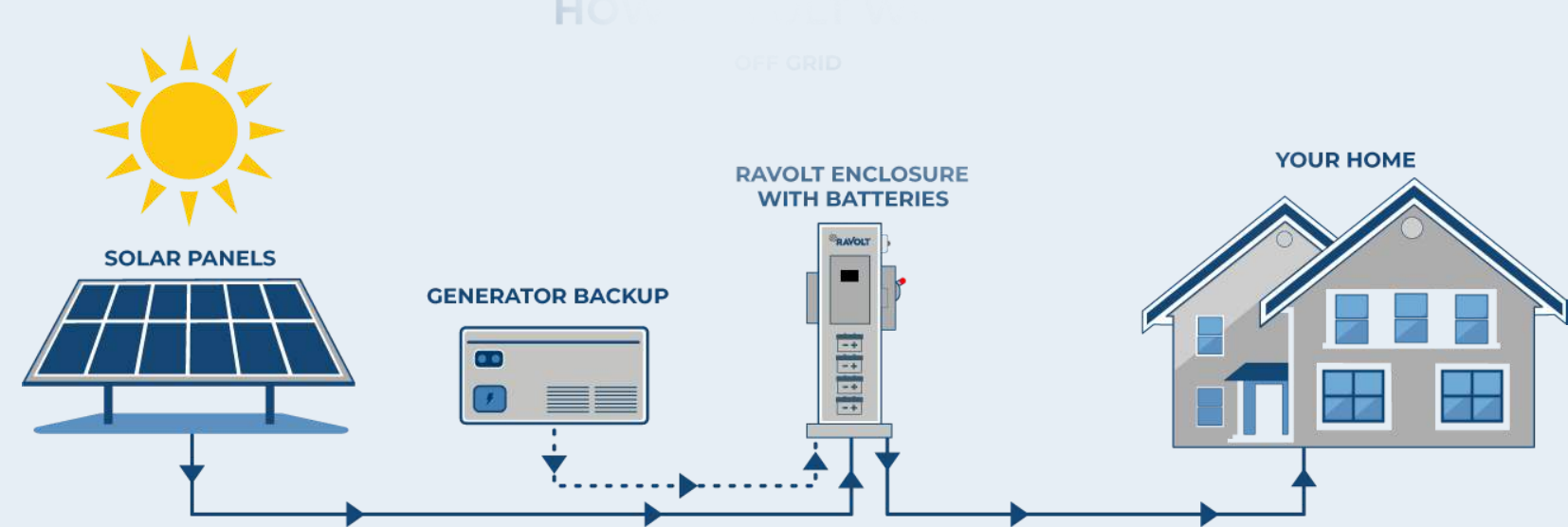
- True off-grid, redundant system
- Up to 3 independent power sources accepted
- Active heating and cooling fans for harsh climates
- Remote support / monitoring

Spatially Conscious

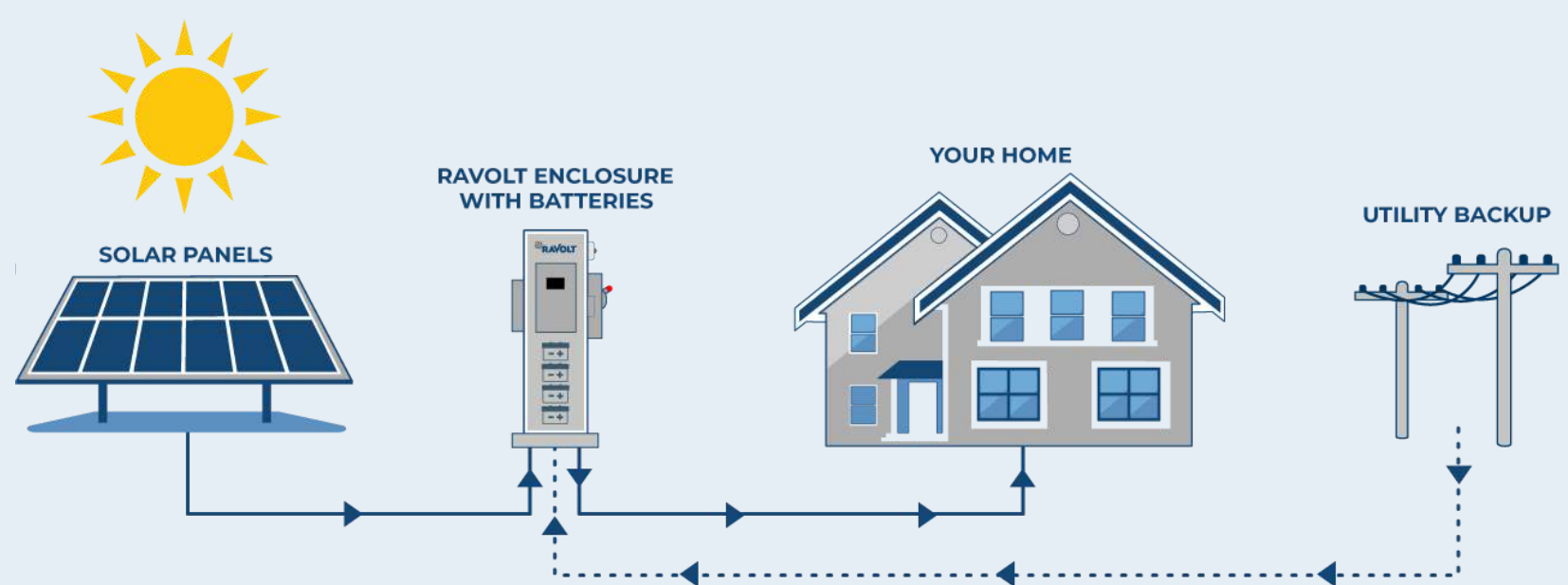
- No in-home space required
- A complete microgrid solution in one unit
- Small footprint

PRODUCT CONFIGURATIONS

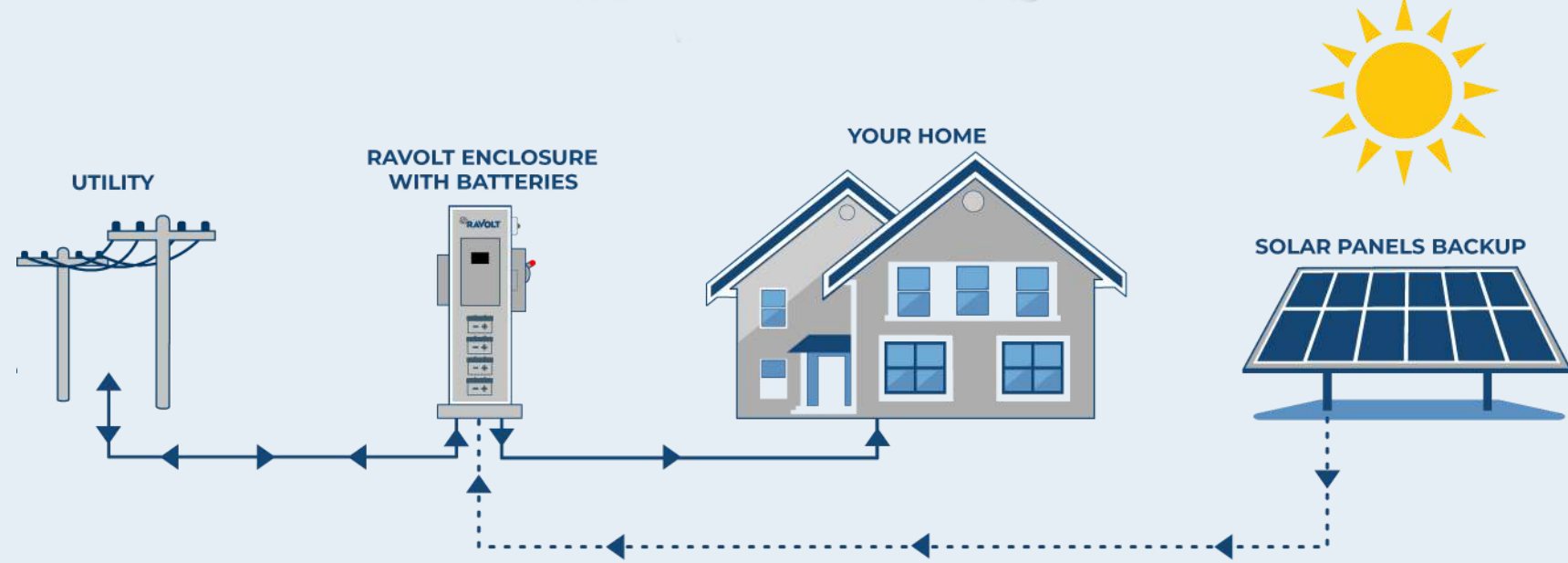
Off-Grid



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

	1 Enclosure		2 Enclosures	
Models	HPP15-15	HPP15-20	HPP30-30	HPP30-40
Max AC amps on grid or with generator	200A		400A	
AC Off-grid power Battery + Solar	15kW (63.5A)		30kW(127A)	
AC Off-grid power Battery	12kW(50A)		24kW(100A)	
Max Array DC	19kW DC		38kW DC	
Battery Storage	15kWh	20kWh	30kWh	40kWh

Standard Specification:

- (1) 15k Sol-ark per cabinet
- Up to 20kWh Rack mounted Batteries per cabinet
- AC in: Non-Fused Disconnect
- AC Out: 200A Main Circuit Breaker Load Center, 8 Circuit
- PV in: (3) 4 pole PV Disconnects per cabinet
- Forced Air cooling
- In cabinet heat
- Wireless/Wired ethernet connection Box per system

Options/Accessories

- **Fused Disconnect** - Visible gap system disconnect with fusing, required when there is no arc fault protect up stream from RaVolt unit
- **No Disconnect** - Direct wire AC source to Inverter internal to cabinet. Only allowed if upstream Arc fault protect is present and no disconnect is required for Solar installation by utility
- **Manual Bypass** - Mechanical interlock placed in Load center and connected to line side of AC service. This allows for complete bypass of the RaVolt system for system maintenance and a third redundant power source in case of emergency
- **50A RV plug**- 6-50R plug external to RaVolt box with NEMA 3R in operation cover
- **20A GFCI plug**- GFCI plug external to RaVolt box with NEMA 3R in operation cover
- **Rapid Shutdown Ready** - External button & power supply prewired to inverter. Transmitter on panel receiver is not included
- **Enclosure Pad** - Pre engineered Pad for enclosure mounting and anchoring if there is no preformed and poured pad at site
- **Cell modem** - Prewired Cell modem for remote support where no internet network is available, SIM card is installer / end user responsibility
- **Cold Weather Kit** - Additional heat resources required for low temperature environments below 0F
- **RaVolt Onsite commissioning** - 1 Day onsite to check operation and educate End user on the RaVolt Box

