



How the Smart Sun system works

1. Solar panels allow a household to reduce its electricity bill by generating 'environmentally friendly' electricity.
2. A photovoltaic (PV) inverter converts the current generated by solar panels into current that can be used in a home.
3. A Sonnen battery allows a household to store electricity generated by its solar panels and use this electricity when the solar panels can't produce electricity, for example, after sunset. Basically, a battery reduces the reliance on purchased electricity.
4. An energy management system maximises the use of solar-generated electricity and minimises the use of electricity purchased from the grid.
5. The heat pump is powered by the optimal combination of solar-generated electricity and purchased electricity.
6. Smart air conditioning units are designed to connect into a home's energy system.

After an initial technical assessment, participation in the Smart Sun pilot will be allocated on a first come, first served basis. If you are interested in taking part in the pilot we recommend you email Horizon Power at smartsun@horizonpower.com.au or if you have any further questions call (08) 9192 9900.

