

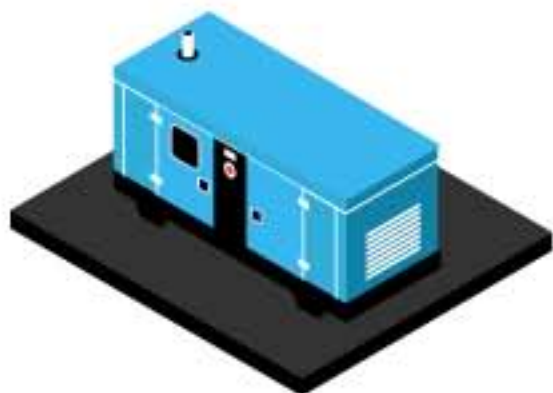


# Which Home Power Backup Solution Is Right for You?

In the face of high-demand technology in your home, an uncertain grid and other power issues, a source of backup power has become almost a necessity.

But which solution is the right choice for your needs?

**Let's compare.**



## GENERATORS

### PROS

- The same type of device used by utilities to provide power
- A motor that puts out continuous voltage
- Good for long-term power backup

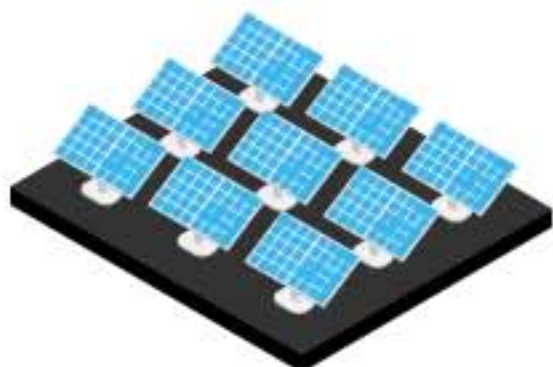
### CONS

- Cannot anticipate load change, leading to sags and spikes
- Poor power quality and often under-spec'd

### SOLUTION



The Hub provides clean perfect power regardless of input. It is often used in conjunction with a generator to correct the power quality issues inherent in generators.



## SOLAR PANELS

### PROS

- No reliance on fossil fuels
- Works well in tandem with other solutions

### CONS

- Even leading panels are very inefficient
- Sun must be out and angles must be conducive to good collection

### SOLUTION



The RoseWater Hub can take up to 10kW of DC power from solar panels. It eliminates the need for other types of inverters, creating a more efficient system. Solar power is used to charge the batteries and to power the load. The Hub also makes up for the intermittency of the solar panels.



## BATTERIES

### PROS

- Can store energy load from producers such as solar panels
- Makes up for some of the intermittency of solar power

### CONS

- Take up a significant amount of space
- Necessary inverters can cause surges and sags, themselves

### SOLUTION



The Hub provides large-scale battery backup coupled with a 20kW inverter capable of powering up to a 200 Amp panel.

RoseWater's solutions condition power and provide high power quality, uninterrupted supply and industrial grade surge protection.

**To learn more, contact us today.**