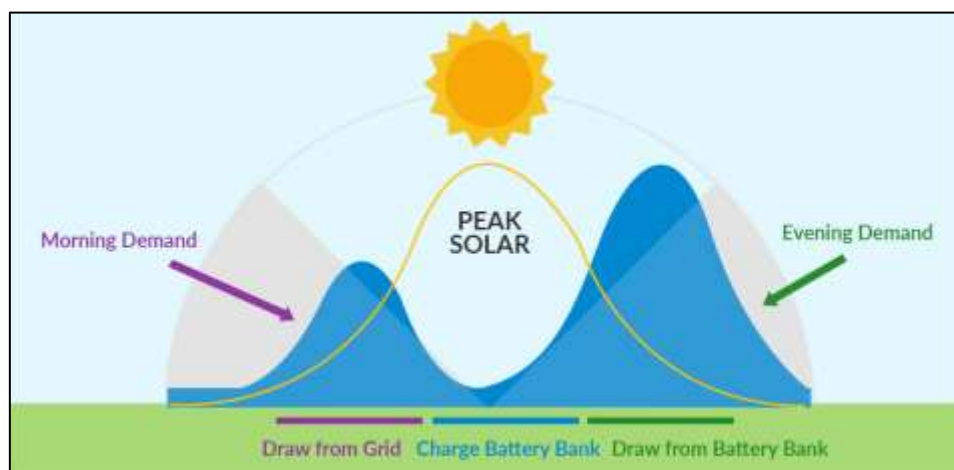


Home Batteries

- Can be charged from Solar panels while the sun shines or charged on off-peak tariff from the grid. Then the battery can help power your home through the evening. (You're still connected to the grid for cloudy days when you need more energy.)
- Additional energy from solar will go to the grid after the battery is full.
- Can be added to a new or existing rooftop solar system.
- Things to consider when buying a battery:
 - Avoid deals that sound too good to be true, offers from unsolicited phone sales and leaflets in the letter box.
 - Do your homework and check warranties available e.g. Choice reviews.
 - Investigate if you can control the times of charging and discharging.
 - Some but not all battery systems can provide a reserve supply for use in the event of a black out.
- Check out Synergy Midday Saver Tariff: 8 cents/kW from 9am to 3pm. This tariff is encouraging the purchase of a Home Battery even without solar panels.
- Solar Quotes Battery Calculator: Calculate savings when adding a battery to your existing solar panel system.
- Can help Western Power stabilise the grid. - Virtual Power Plant
- Home Batteries are recyclable.



References

<https://www.solarquotes.com.au/battery-storage/calculator/>

<https://www.synergy.net.au/Your-home/Energy-plans/Midday-Saver>

<https://www.westernpower.com.au/news/virtual-power-plants-running-renewable-energy-in-the-cloud/>

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<https://www.offgridenergy.com.au/sustainability-environment/the-rise-of-lithium-battery-recycling-in-australia/>

