

# The power of the sun when you need it most



With clean, reliable solar energy and a Tesla Powerwall,  
**Bradford Solar** puts you in charge, day and night.

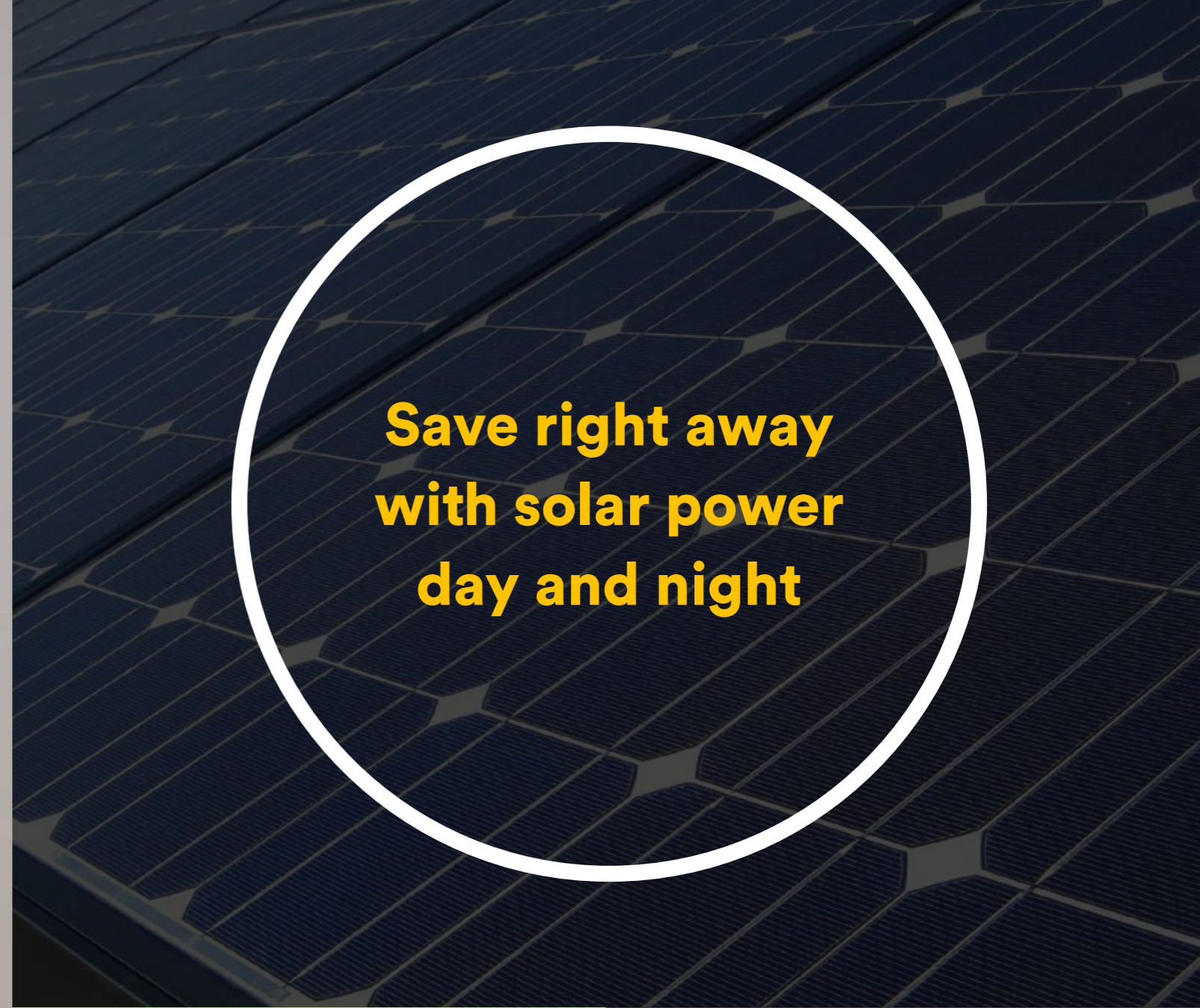
**Bradford**<sup>™</sup>   
solar

**ARDEN**



Before solar battery storage options, extra energy from the sun was sent straight back through the grid or wasted altogether. Tesla Powerwall, charged with a state of the art solar panel system, holds enough energy to power an average home during through the night. Turn on savings with solar energy from the first time you flick on the light switch.

**Affordable self sufficiency  
is now a reality**



**Save right away  
with solar power  
day and night**

### **About Tesla Powerwall 2**

As efficient as it is stylish, the Powerwall is completely automated, low profile, and requires no maintenance.

- 13.5kWh energy storage capacity
- Sleek, wall mounted design installed indoors or out
- Additional units can be added to increase capacity
- 10 year manufacturer's warranty
- Cloud-based web and mobile control and monitoring
- Wall mounted, rechargeable lithium ion battery with liquid thermal control.



# How a Bradford Solar ChargePack works

Photons (sun light) are absorbed by the solar panels on your roof. Solar panels convert the photons into Direct Current (DC) electricity.

DC electricity cannot be used in your home and therefore needs to be converted to Alternating Current (AC), which is done by an inverter.

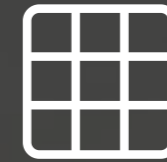
The energy that is created can be used to power your appliances, fed back into the grid or stored for later use.

At the heart of your Bradford Solar ChargePack is Tesla Powerwall, a rechargeable lithium-ion battery that charges using electricity from your solar panels.

With cloud-based monitoring from any smart device, you can monitor and manage your energy, including charging from the grid during off-peak.

Now you have the power to run your home with low cost solar energy, stored until you're ready to use it.

## How the system works:



Solar panels harness the sun's energy



Inverter converts energy to electricity



Tesla Powerwall is charged



Manage your energy usage with cloud-based monitoring

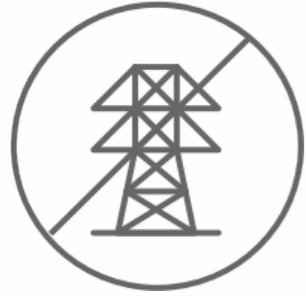


Your home is empowered by solar.

## Power to the people



# The power to escape



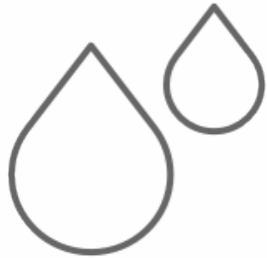
## Take control

Enjoy energy independence and power your home with day and night solar energy. Reduce your reliance on the grid and lower your electricity bill.



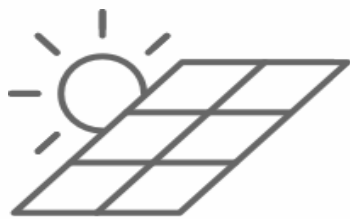
## Always connected

Monitor your solar energy use in real-time and receive alerts when Powerwall is preparing for cloudy or severe weather.



## Durable design

Water resistant and dustproof enclosure for installation inside or outdoors. Sleek design that makes it architecturally friendly.



## Use more of your solar

Most homes use a fraction of the solar energy they produce. Instead of sending it back to the grid, Powerwall stores it for later use.



## Backup your home

Powerwall protects your home during a power outage, keeping your lights, Wi-Fi and refrigerator running. Note: This feature is only available as an additional upgrade - ask the Arden team about upgrading to the Bradford Solar BackUpPack.



Take control of your energy

# A smarter way to power your play



## Why Bradford Solar?



Reduce your energy bills  
and your carbon footprint.



Bradford provide the full supply and  
installation. Enjoy a fully automated  
system that is simple to install.



Expert Bradford Energy  
Concierge Service on call.



Backed by a CSR 'life of the system'  
written warranty.

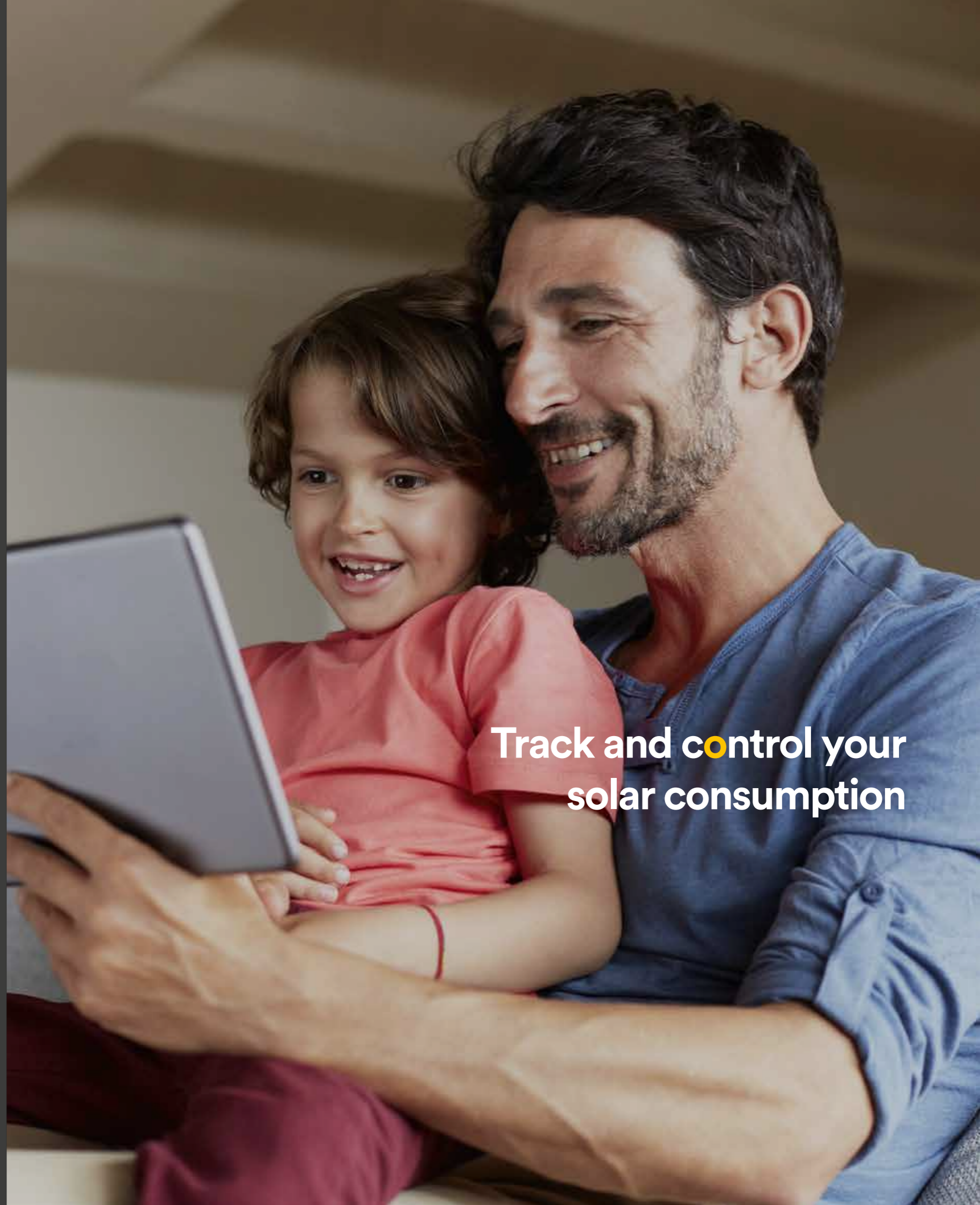
# Putting the power at your fingertips

People are using smart technology to control their homes, and solar will be no different. As part of your Bradford Solar ChargePack, you'll have access to a secure, cloud-based energy management system that lets you monitor your energy through your mobile, tablet or computer.

This clever capability connects you directly to your home. Now you can see, track and control your solar consumption, energy production, and energy use at any time during the day or night.

Bradford ChargePack monitoring gives you the power to:

- Unlock the full potential of your Bradford Solar ChargePack
- Access via your smartphone, tablet or computer
- Generate reports and see your energy consumption 24/7
- Improve energy efficiency and keep costs down by helping to load shift electricity.



Track and control your  
solar consumption



Energy for your  
entire home

Up to \$2,500  
savings on  
average per  
year



A 5kW Bradford Solar ChargePack including Tesla Powerwall 2 would enable the average house of 4 to achieve up to 90% self sufficiency on an average day.

A 6kW Bradford Solar ChargePack including Tesla Powerwall 2 can enable the average Australian family to have little or no reliance on the grid.

Assumptions: Calculation based on 5 people living in a detached Melbourne house . Average electricity tariff for each state assumed. Based on an average household load profile. Actual payback may vary. Simulation ran on an average day. Annual saving is simplified to 365 x daily saving. Savings amount for 6kW ChargePack including Powerwall 2 (13.5kWh Battery).

# ARDEN

## Switch it **on**

We've earned a reputation for working with the highest quality materials and the very best suppliers. That's why we're proud to offer the Bradford Solar ChargePack.

Bradford is a trusted Australian brand that's been around for over 80 years, working to the highest industry standards. Plus, Bradford Solar is a founding signatory of the Clean Energy Council's Approved Retailer Code of Conduct.

By switching on solar in your new home, you can be confident you have one of the best energy sources under the sun.

[bradfordsolar.com.au](http://bradfordsolar.com.au)

[ardenhomes.com.au](http://ardenhomes.com.au)

Bradford<sup>TM</sup>   
solar

T E S L A  
POWERWALL  
CERTIFIED INSTALLER