



DIRECTSOLAR
WHOLESALE.COM.AU



Australia's Best-Rated and High-Performance Award-Winning Solar Company

Since 2015

6,000+
Satisfied clients



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Seven Key Points to Consider

Before Purchasing a Solar and Battery System

This helps you avoid costly mistakes and get the best value and performance from your system.



One: How Solar & Battery work?



Solar Energy Capture

Photovoltaic panels capture sunlight and convert it into direct current (DC) electricity, ensuring optimal solar energy absorption and utilization.

DC to AC Conversion

Inverters transform direct current (DC) into alternating current (AC) for household and business use, providing seamless and efficient power conversion.

Powering Appliances

Converted electricity powers appliances, lighting, and equipment, reducing dependency on the main grid and ensuring reliable energy distribution.

Energy Storage & Grid Integration

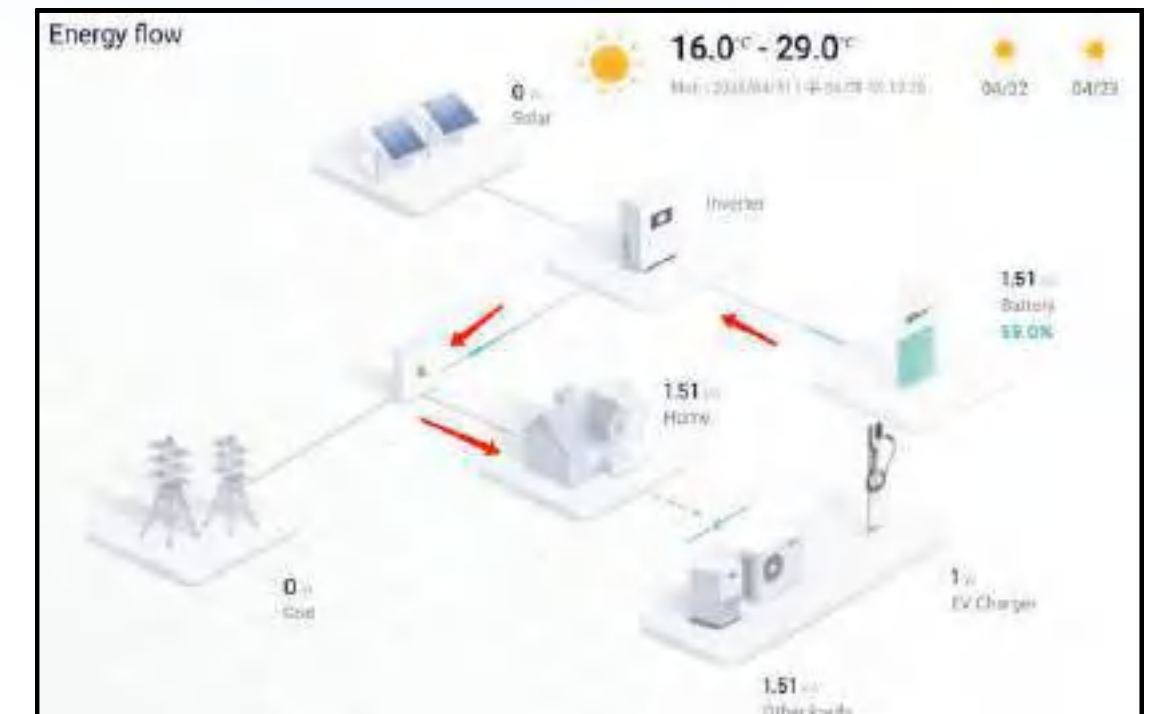
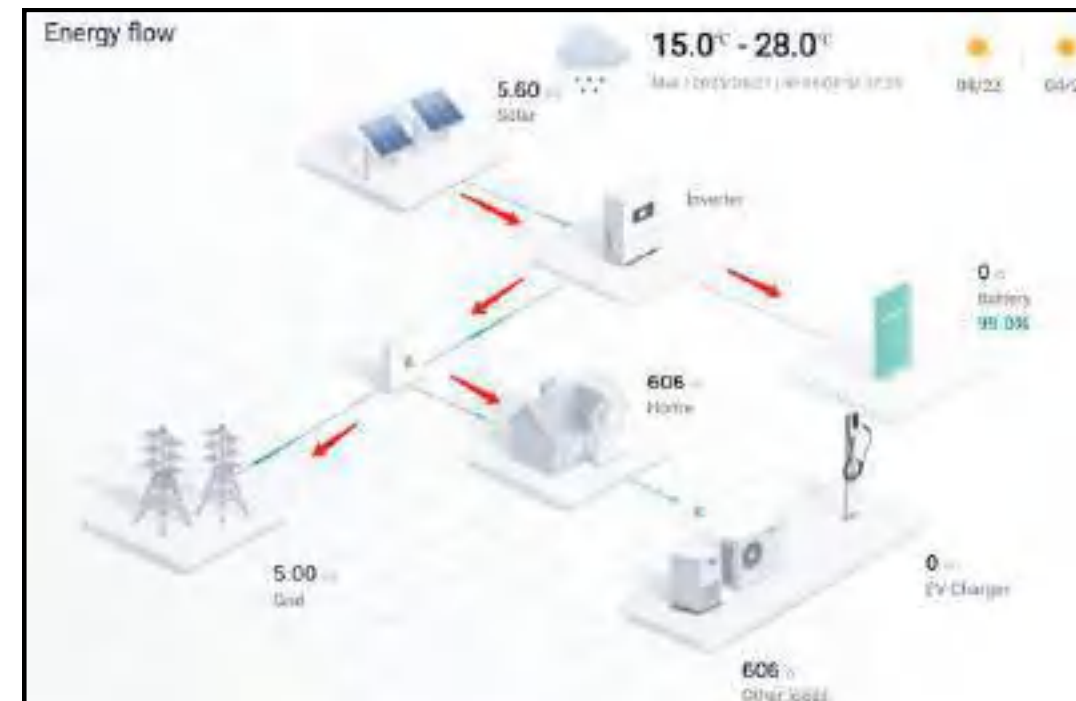
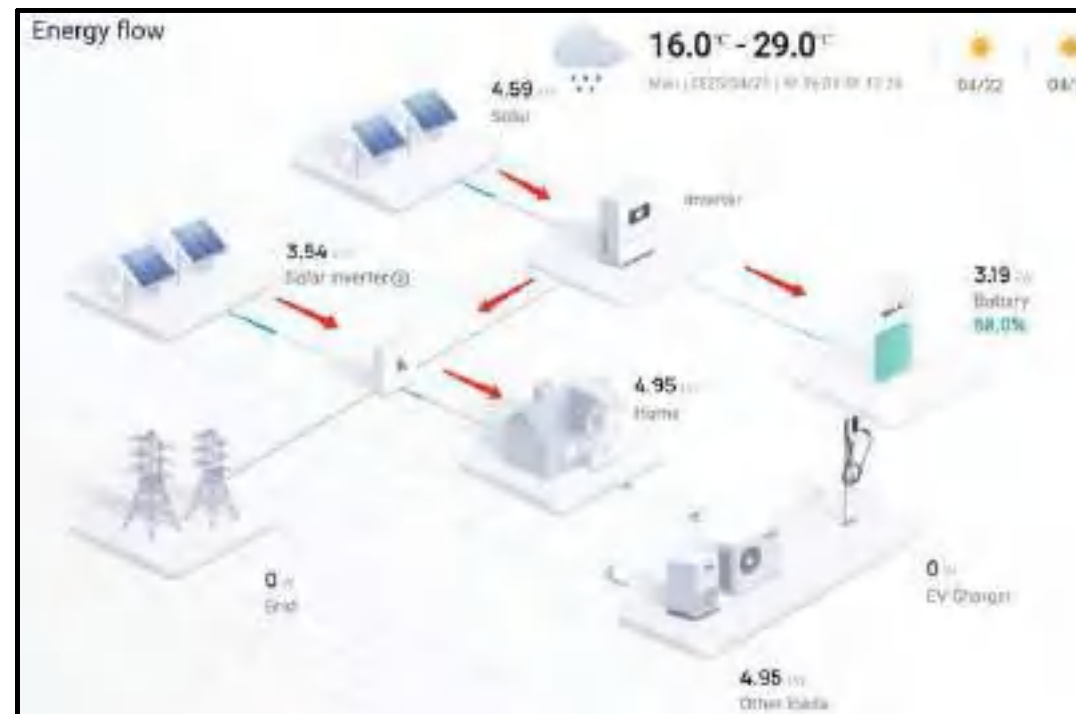
Excess energy is stored in batteries or fed into the grid for later use, ensuring uninterrupted power supply and sustainability, ensuring uninterrupted power supply and sustainability.

Household Example

- Your home will always be priority one for solar and battery power.

- Once your home demands are met, and your battery is full, your excess energy will be exported to the grid. Depending on your retailer or energy plan as to what this means for you.

- Battery energy supply to home load during night time

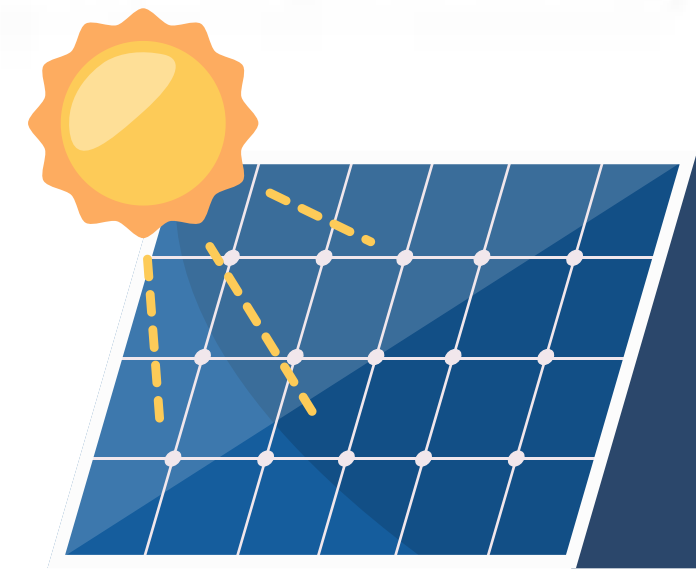


High-quality home battery systems can keep your essential circuits running for several hours—or even longer if paired with solar—during a grid outage.

Two: How much energy does solar produce?

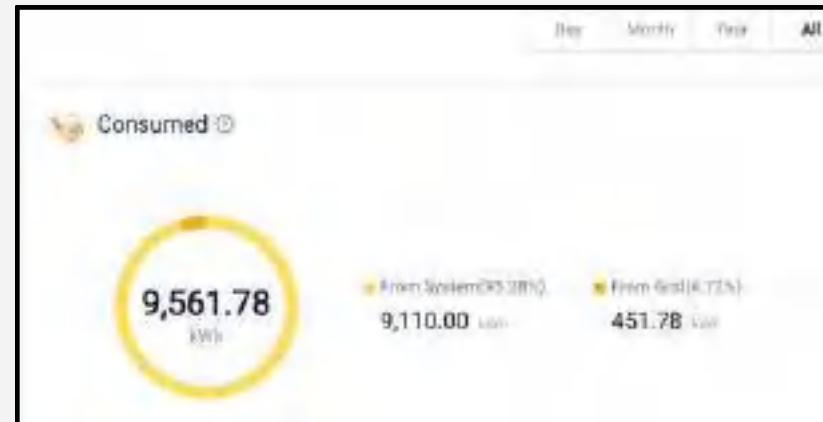
Average Daily Production (kWhs)

Solar Size	Sydney	Melbourne	Perth	Brisbane	Hobart	Adeliade	Darwin
1kW	3.9	3.6	4.4	4.2	3.5	4.2	4.4
5kW	19.5	18.0	22.0	21.0	17.5	21.0	22.0
6.6kW	25.7	23.8	29.0	27.7	23.1	27.7	29.0
10kW	39.0	36.0	44.0	42.0	35.0	42.0	44.0
20kW	78.0	72.0	88.0	84.0	70.0	84.0	88.0
100kW	390.0	360.0	440.0	420.0	350.0	420.0	440.0



Three: How does this benefit you?

Real-world savings



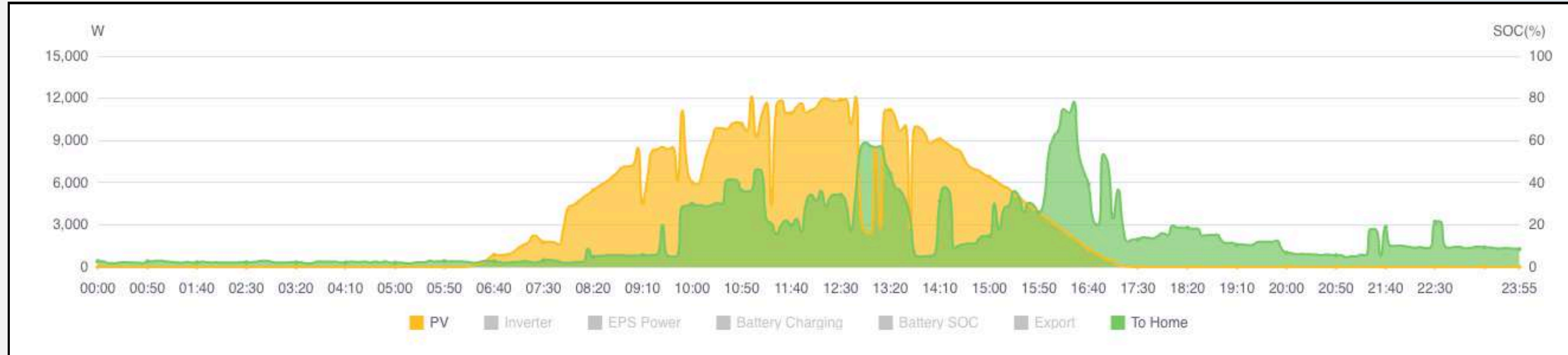
Solar and Battery consumption data			
	Power	Electricity rate	Feed in
Solar production	22,950 kWh		
Total consumption	9,561.78 kWh		
Self-use from solar and battery	9,110 kWh		
Export to grid	13,840 kWh		\$0.05/kWh
Purchased from grid	451.7kWh	\$0.45/kWh	

Without Solar & Battery		
	kWh's	cost
Buy from grid	9,561.78 kWh	\$0.45/kWh
Total cost		\$4,302.8

With Solar & Battery	
Saving Part 1: From self- use	\$4,099.50
Saving Part 2: From feed-in	\$692
Total savings	\$4,791.50

Smart Monitoring

Solar only without battery system



Solar with battery system



Four: What size solar and battery system is right for you?

The key to buying solar with a battery is to meet your needs and sizing the system accordingly. This handy leaflet will help you ask the right questions to size your system.

System sizing guide for hybrid solar systems (panels + battery)

Customer's daily power usage (Average Daily Usage – ADU)	up to 15kWh per day	up to 25kWh per day	up to 30kWh per day	up to 35kWh per day	up to 40kWh per day
Panel system size Recommended panel system size to meet customer's energy needs.	6.6kW	8kW	10kW	13kW	15kW
Battery recommendation (Split daytime / night-time usage)	7.2kWh	10.8 kWh	10.8 to 14.4kWh	14.4 to 18kWh	14.4 to 18kWh
Battery recommendation (High night-time usage)	7.2 to 10.8kWh	10.8 to 14.4kWh	14.4 to 18kWh	18 to 21.6kWh	18 to 21.6kWh

Power usage checking list:

Appliance	Power Rating	Hours Per Day	Power Use in A Day
Split Air Con System	0.8kW	6	4.8kWh
Single Phase Ducted Air Con 12kW	3.5kW	6	21kWh
Three Phase Ducted Air Con 15kW	5.0kW	6	30kWh
Pool Pump	1.0kW	8	8kWh
Induction Cooking	2.5kW	2	5.0kWh



Appliance	Power Rating	Hours Per Day	Power Use in A Day
Fridge	150W	12	1.8kWh
Kettle	2.5kW	0.2	0.5kWh
Combined Lightings	500W (LED)	5	2.5kWh
Computer	150W	4	0.6kWh
TV	200W	4	0.8kWh
Washing Machine	1.2kW	2	2.4kWh
Dishwasher	1.2kW	2	2.4kWh
Dryer	2.1kW	2	4.2kWh
Swimming Pool Electrical Heating	3.5kW	10	35kWh
Hot Water System	3.6kW	2	7.2kWh
Heat Pump Hot Water System	1.2kW	2	2.4kWh
EV Charger 7kW	7.0kW	2 (Drive 100km)	14kWh

Five: Common mistakes when buying solar and battery systems

#1-Cheap solar system

- Low grade product and equipment - unsafe, fire and safety risk



- Low quality installation - short term, unsafe, unreliable, savings targets not met



- Low great products and components adding to landfill



A high quality solar system pays for itself, but low quality and poorly installed solar ends up in landfill. Yet people are still making the mistake of buying solar twice ... cheap and questionable, vs solar done right!

30% of systems we install include the removal of an existing cheap system that is either no longer working or significantly under performing.

Industry Safety Issues



Up to of solar installs inspected posed a severe or high risk
25% *Source: Clean Energy Regulator (CER)*

Yet only of installed systems have been audited by the CER
1.2% *Source: Clean Energy Regulator (CER)*

#2-People don't know battery systems need ongoing support and backup from their provider.

Four Common issues when buy battery system



Batteries not charging and discharging occasionally happen – They need firmware updates and reliable remote quick support.



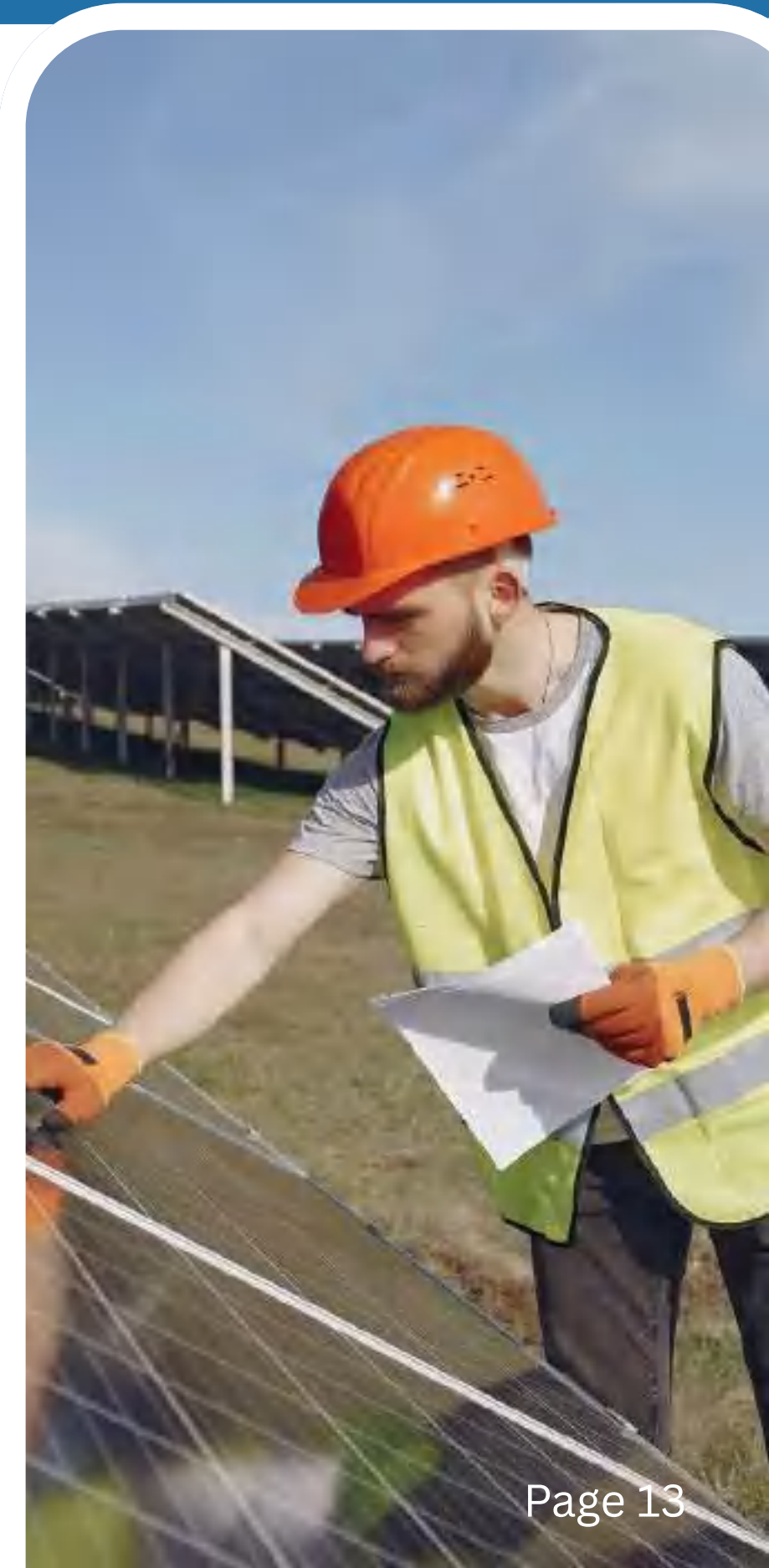
Choosing a battery which has poor manufacturer support, taking weeks and sometimes months to rectify issues - leaving owners out of pocket with downtime.



Battery UPS function hasn't been tested and not working properly -during blackout, still don't have power to use.



Choosing the wrong battery size and product that does not allow future expansion.



#3-Poor workmanship **Causes 3 major issues**

1. Non professional and low quality install cause roof damage and roof leaking.



#3-Poor workmanship **Causes 3 major issues**

2. Non professional and low quality install -conduit work looks ugly and low standard - devalues your home.



#3-Poor workmanship

Causes 3 major issues

3. Non professional and low quality install – causing electrical failure, fires, short circuits and taking down inverters too.



Run away...don't do it.

The worst company to deal with ever. We have had nothing but trouble from the word go. Installation was a nightmare it took months, with so many issues along the way. After waiting 6 months to get solar panels installed, the installation was so bad we now have a leaking roof. They try to take no responsibility, because they contract to independent contractors. We had to go to department of fair trade and the ombudsmen. It is still not resolved our roof is still leaking Now we are risking our insurance company cancelling our insurance because they won't fix their stuff up.

Sent a teenager to install

*They outsource.
Only half of my panels are connected
I had contacted them times and the electrical contractor just to be ignored.
They got their money and they do not care.
Electrical contractor was not present for 99 percent of the job*

Rubbish service, worse warranty support. Managers do not support the warranty staff.

Have been waiting 7 months for my system to be repaired under warranty. Still not resolved. They installed my batteries in an unsafe location and are trying to charge me to move them. While I am waiting for the repairs they are still trying to sell me upgrades, even though there are no technicians in the area. They don't return calls. Warranty team is unhelpful and said they put the batteries in the unsafe location because that was a requirement I asked for. They have taken no responsibility for the unsafe installation of the batteries.

Panel rating: 2/5

Inverter rating: 3/5

Battery rating: 5/5

Six: High quality, high grade installation, components, products and trades people. AT DSW

Install with Care , Safety , Quality,
aesthetic , and long term post install
support.



Seven: The three biggest risks when buying solar and battery



1

Buy too cheap, get low quality install and inferior products, end up buying twice, the most expensive way to buy solar and battery.



2

Poor after sales support or no after sales support at all, leaving your investment offline and you still have a high power bill.



3

Lack of regulation, no investment guarantee for consumers.



WHO IS **DSW** **ENERGY?** NOT JUST ANOTHER SOLAR AND BATTERY COMPANY

● SUSTAINABLE POWER SOLUTIONS

● CLEAN FUTURE TOGETHER



25+

SUSTAINABLE ENERGY
PRODUCT

Who is DSW Energy?

DSW is a national renewable energy solar and battery company. Not just another solar company.

VISION



AFFORDABLE SOLAR SOLUTION

For all Australian households to have greater energy independence through the provision of low-cost energy solutions.



SUPPORT LOCAL COMMUNITY AND RESIDENTS

We supply and install top-quality brands, offering tailored solutions for residential and commercial customers. DSW is committed to sustainability, proudly supporting local communities through sponsorships and energy solutions.



TRANSFORM ELECTRICITY BILL INTO SAVINGS

DSW has launched the Battery Care program to help more people transform their electricity bills into savings, risk-free.



Who is DSW Energy?

DSW is a national renewable energy solar and battery company. Not just another solar company.

SERVICE



Solar



Battery



EV charger



Solar Carport



Heat pump

Your only risk free path to solar and battery

AT DSW

Here is our industry leading DSW battery Care Program tailored for your solar and battery needs, while helping you save thousands of power bills, **Risk-Free!**

Completely risk free solution and with second to none system guarantee, **protecting your investment.**

If you can afford your electricity bill, you can afford a solar and battery system.



Solar & Battery Package

Comparison

Researching Solar and Energy Systems can be difficult and confusing in a constantly changing environment. At Direct Solar Wholesalers, we continually seek services and products that enhance our Customer experience. Please utilise this sheet as a tool to assist with a comparison of other market offers. Speak to us to discover how our research can benefit you.



MAIN BENEFITS COMPARISON	DSW Battery Care Program	Other Company's Solar & Battery Package
1 No upfront cost - No deposit required	✓	✓
2 Fixed monthly repayment is lower than your electricity bill, with no increases for a 10-year term. This payment covers energy cost reduction and the system provided.	✓	✓
3 100% System Performance Guarantee. If your system doesn't work, we cover your payments until system performs.	✓	✗
4 The system is owned by you from Day 1, entitling you to additional government rebates	✓	✓
5 No more blackout, essential circuits backup included.	✓	✓
6 Free 3-hour daily grid charging available. Top up your battery on overcast or rainy days at no cost.	✓	✗
7 Full system monitoring on your smart app.	✓	✓
8 10 years free service and maintenance included.	✓	✗
9 Relocatable battery Take your energy solutions wherever you move without voiding product warranty.	✓	✗
10 Flexible, stackable battery design for future expansion. <ul style="list-style-type: none"> • Single phase: 2-8 pcs (7.2kWh – 28.8kWh) • Three phase: 3-13 pcs (10.8kWh – 46.8kWh) 	✓	✗

Why choose DSW?

Complete Peace of Mind

#1-DSW Energy has strong relationship built with manufacturer of the brands we use.

Our Manufacturers have a dedicated Tech Support Group working closely with DSW ENERGY Tech Team, responding quickly if any issues arise.



DSW&SOLAX Tech support1 (24)
Group Chats



Sig & DSW Tech support (12)
Group Chats



DSW Sungrow tech support (18)
Group Chats

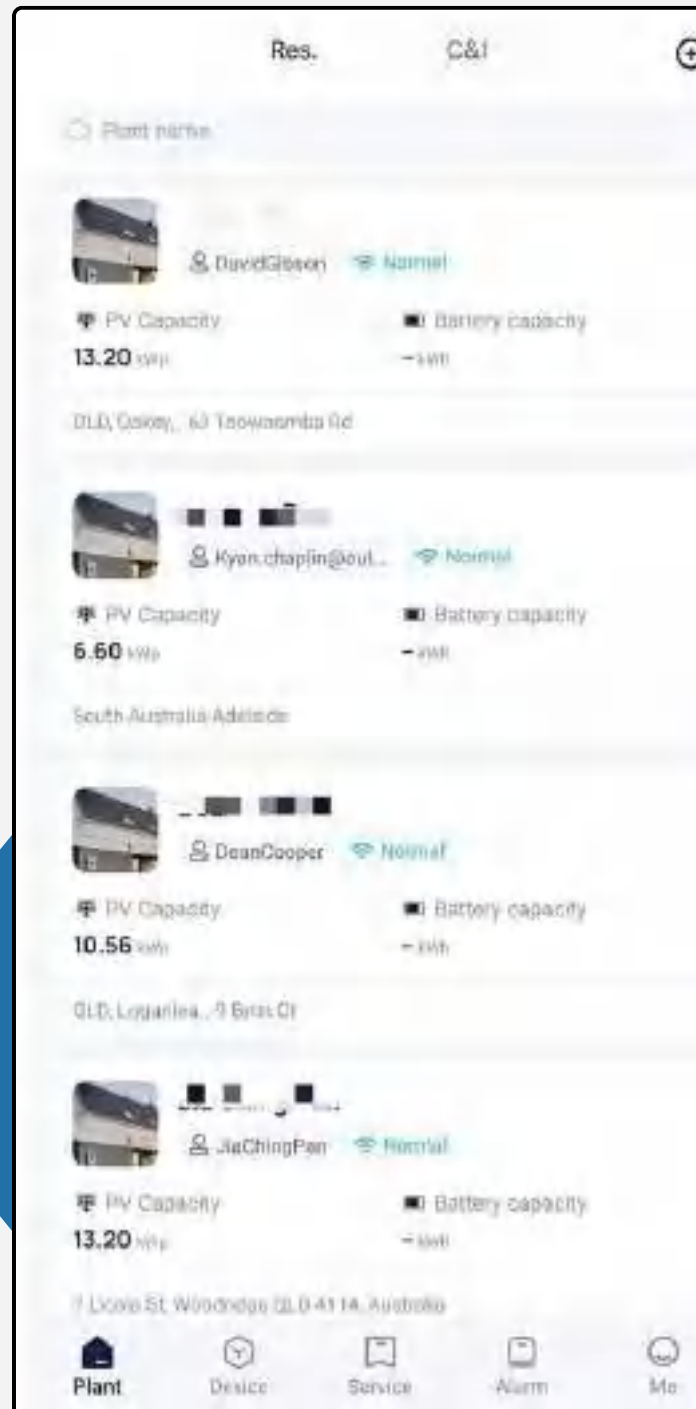


DSW & Bytewatt AU -Neovolt (9)



Goodwe service (10)
Group Chats

#2-DSW Energy has a dedicated remote support team checking your system for any faults or alerts every day.



#3-DSW Energy selects superior brands for our customers.

When everyone says they have the best products, **how do you validate this?**
3rd Party Industry Testing & Analysis

Panel selection

Consider the following when choosing solar panels:



Performance



Reliability



Support



Warranty



Reviews

SOLARQUOTES[®]
SINCE 2009

Top 10 Panel Brands

As rated by their customers.

1. LONGi Solar
2. Jinko Solar
3. Trina
4. SunPower
5. Canadian Solar Inc
6. REC
7. JA Solar
8. Seraphim
9. Risen
10. Winaico

OPEN DISPLAY OPTIONS ▾

#3-DSW Energy selects superior brands for our customers.

When everyone says they have the best products, **how do you validate this?**
3rd Party Industry Testing & Analysis

Battery selection

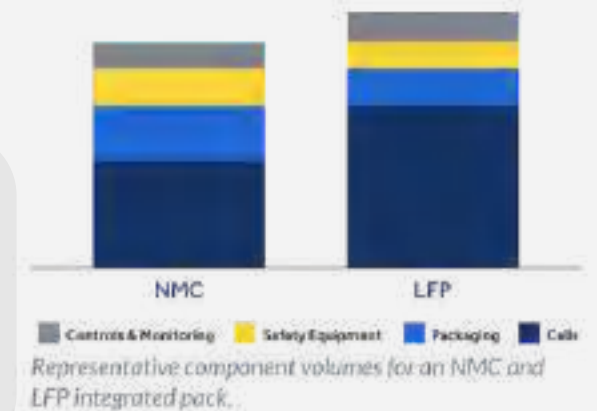
Three things you need understand buy battery system:



SAFETY

Chemistry: LFP or NMC

Safety is crucial for energy storage systems, and LFP batteries provide superior safety and thermal stability compared to NMC batteries. Their iron phosphate cathode structure enhances resistance to thermal runaway, overheating, and fires, addressing key safety concerns in commercial and industrial applications. The primary benefits of LFP technology include higher safety and resilience to stress and abuse.



FLEXIBILITY

Stackable or All-in-one



Stackable battery systems offer greater flexibility and scalability compared to "all-in-one" battery systems. Stackable systems allow users to start with a smaller capacity and add modules as needed, while all-in-one systems have a fixed capacity. This modularity makes stackable systems more adaptable to changing energy needs.



LIFESPAN AND WARRANTY

10 years standard warranty

Solar batteries degrade over time, meaning their storage capacity decreases with use. A battery's lifespan is typically measured in cycles, with one cycle being a full charge and discharge. Look for batteries with a high cycle rating and a comprehensive warranty. Most reputable manufacturers offer warranties ranging from 5 to 15 years, guaranteeing a certain percentage of capacity over the warranty period.

Brands we carry on					
Chemistry: LFP or NMC	LFP	LFP	LFP	LFP	LFP
Flexibility	Stackable, flexible for future expand (single phase 2-8 modules, 7.2kWh to 28.8kWh; Three phase 3-13 modules, 10.8kWh to 46.8kWh battery)	Stackable and all in one , flexible for future expand (5kWh and 8kWh battery per module, up to 6 modules, 48kWh battery)	All in one unit 9.6kWh per battery	Support 2-8 modules per unit, 6.4-25.6 kWh capacity range	One unit 13.5kWh per battery
UPS	Backup functionality included	Backup functionality included	Backup functionality included	Backup functionality included	Backup functionality included
Warranty	10 years	10 years	12 years	10 years	10 years
Degradation	70% retention at 10 years	70% retention at 10 years	70% retention at 10 years	60% retention at 10 years	70% retention at 10 years
Coupling	DC & AC coupling Solax Residential AC EV charger available	Signergy Residential DC and bidirectional EV charger available 12kw DC charger and 25kw DC charger, AC charger also available	DC & AC coupling	DC & AC coupling Residential AC EV charger available	DC & AC coupling Residential AC EV charger available

Your only risk-free path to a solar and battery system is at DSW

Limited battery brands with
DSW Battery Care Program

Investment protection guarantee

SolaX battery

Investment protection guaranteed for 10 years , if your solax battery system has a fault , DSW energy will ensure it's rectified within 1 business day of being reported to us or we will cover your investment daily compensation based on system value until it performs.

Why choose SolaX?



01 Wide range of inverter sizes from single phase to three phase.

02 Flexible, stackable battery design for future expansion.
Single phase: 2-8 pcs (7.2kWh – 28.8kWh)
Three phase: 3-13 pcs (10.8kWh – 46.8kWh)

03 The UPS function is built-in, eliminating the possibility of blackouts.

04 Adapt to the SolaX Power EV charger for a one-stop solution.

05 SolaX has been in the Australian market for over 10 years.

06 Local support is available in all States.

07 SolaX is a publicly listed company.

08 The SolaX hybrid inverter is compatible with off-grid systems that incorporate generator input.

09 **100% System Performance Guarantee.**
If your system doesn't work, we cover your payments until system performs.

10 **SolaX battery is relocatable without voiding manufacturer warranty**
it's easy to relocate unlike other battery brands. Take your energy solution with you if you move.

DSW Battery Care Program

Pay As You Save

8kW Solar with 10.8kWh Battery

For customers who use up to 25 kWh of electricity per day.

Deposit
\$0


Estimated
Monthly Savings
on electricity bill
 \$250-\$312

Estimated Monthly
Repayment*
\$190.00
10 years

10kW Solar with 14.4kWh Battery

For customers who use up to 35 kWh of electricity per day.

Deposit
\$0

Estimated
Monthly Savings
on electricity bill
 \$350-\$468

Estimated Monthly
Repayment*
\$222.00
10 years

 **The finance repayments are protected.**

 **The battery is relocatable if you move.**

T&Cs Apply

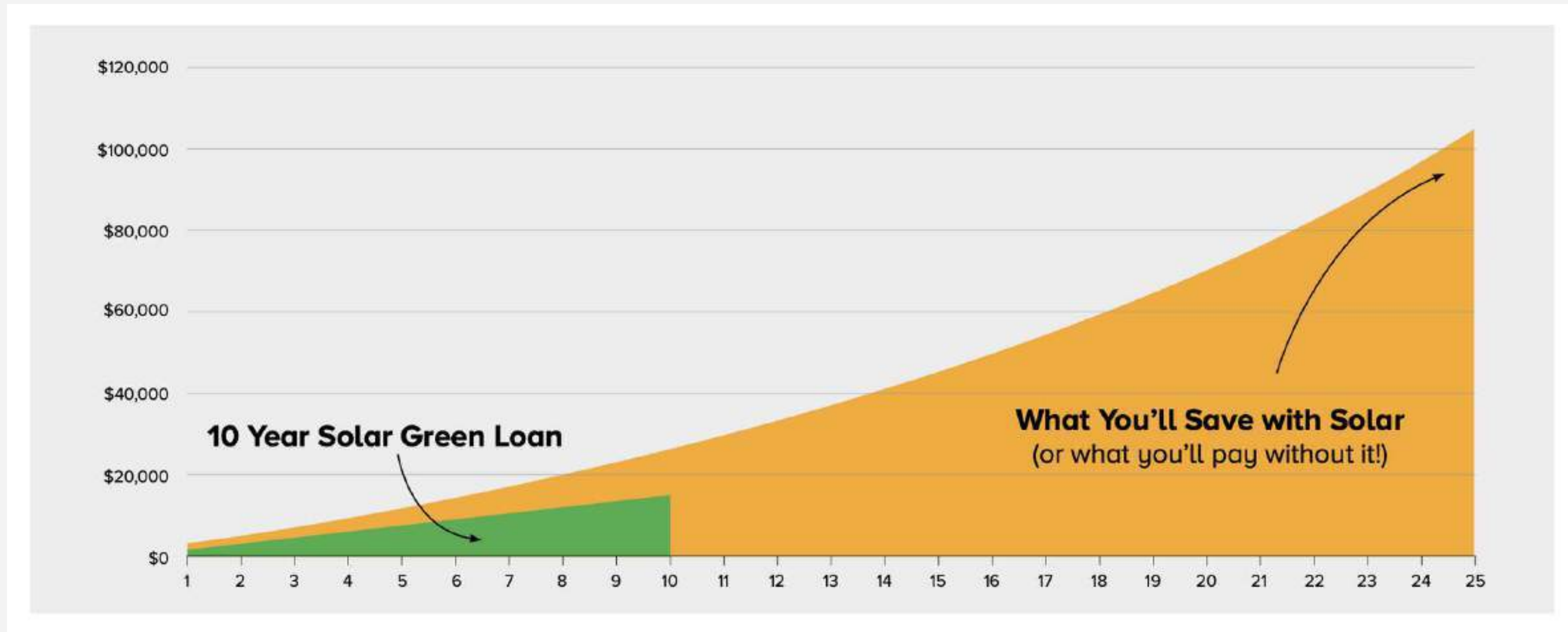
*Eligibility criteria may apply

DSW Battery Care Program

Daily Average Usage	System Size	Monthly Payment 10 years plan	Monthly Payment 7 years plan	Monthly Payment 5 years plan	Monthly Saving (E.)
Up to 25kWh	8kW Solar & 10.8kWh Battery	\$190	\$240	\$309	\$250-300
Up to 35kWh	10kW Solar & 14.4kWh Battery	\$218	\$275	\$358	\$350-460
Up to 45kWh	13.2kW Solar & 18kWh Battery	\$263	\$330	\$430	\$450-550
Battery only 10.8kWh	10.8kwh battery(5kw inverter)	\$128	\$159	\$205	
Battery only 14.4kWh	14.4kwh battery(5kw inverter)	\$146	\$182	\$236	
Battery only 18kWh	18.0kwh battery(5kw inverter)	\$164	\$205	\$265	

How solar works -Green Loans

Making high quality solar affordable



What type of system would you choose?

If it **cost \$0** upfront and the savings from the system covered the finance repayment?

Customer Installation: 6 Easy Steps

Let DSW Energy take care of everything for you



Step 1
Choose

Begin your solar journey by accepting the proposal. Once we have received the approval and everything we need, we will take care of all the behind-the-scenes work for you.



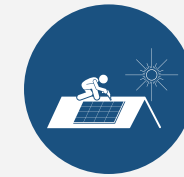
Step 2
Paperwork

Once we have all the necessary items, we can proceed with the paperwork and installation application.



Step 3
Welcome

DSW Energy's operations team will contact you within two business days to schedule and discuss installation dates, and ensure readiness.



Step 4
Install

DSW Energy's CEC accredited team will expertly install your system with precision, care, and pride. They will also provide a brief demonstration on how it operates and explain the installation process.



Step 5
Monitor APP

After WiFi is set up, you will be able to monitor your system's performance and production using your monitoring APP.



Step 6
Meter Upgrade

Once installation is complete, we will process the meter upgrade application with your energy retailer if needed. The requirements and time frame vary significantly depending on your retailer's schedule. *

Join the DSW Referral Program

Our team dedicates extensive effort and thoughtful consideration to providing flawless solutions that yield outstanding results, ensuring customer satisfaction from beginning to end. Let us know if you know someone looking to join the DSW Energy Battery Care Program. You can get **\$500** for each person you refer to us!*



* Your retailer and the power bill account holder have the responsibility and authority to upgrade the electricity meter or connect your solar to the grid. Typically, this process is completed within 15 business days. DSW Energy has no control over third parties. Our helpful staffs are happy to share any tips and shortcuts they know to get the best outcomes or answer any questions you may have.

GloBird Energy zerohero

Energy retail provides you with additional opportunities to maximise your savings.

More information about DSW ZEROHERO:

<https://quote.globirdenergy.com.au/?campaign=zerohero&pcode=dsw>

Visit the GloBird website to learn more details about this plan, including full terms and conditions. Fact sheets are available at www.globirdenergy.com.au. For clear advice on the right plan for you, contact us on 133 456. Basic Plan Information Documents are available at www.globirdenergy.com.au.



GloBird energy | **DIRECTSOLAR** WHOLESALER.COM.AU

ZEROHERO
YOUR SOLAR BATTERY ENERGY PLAN

Ready to unlock the full potential of your battery system?

GloBird Energy's **ZEROHERO** plan is perfect to help you earn more from your solar battery system! Get excellent value energy rates plus excellent benefits:

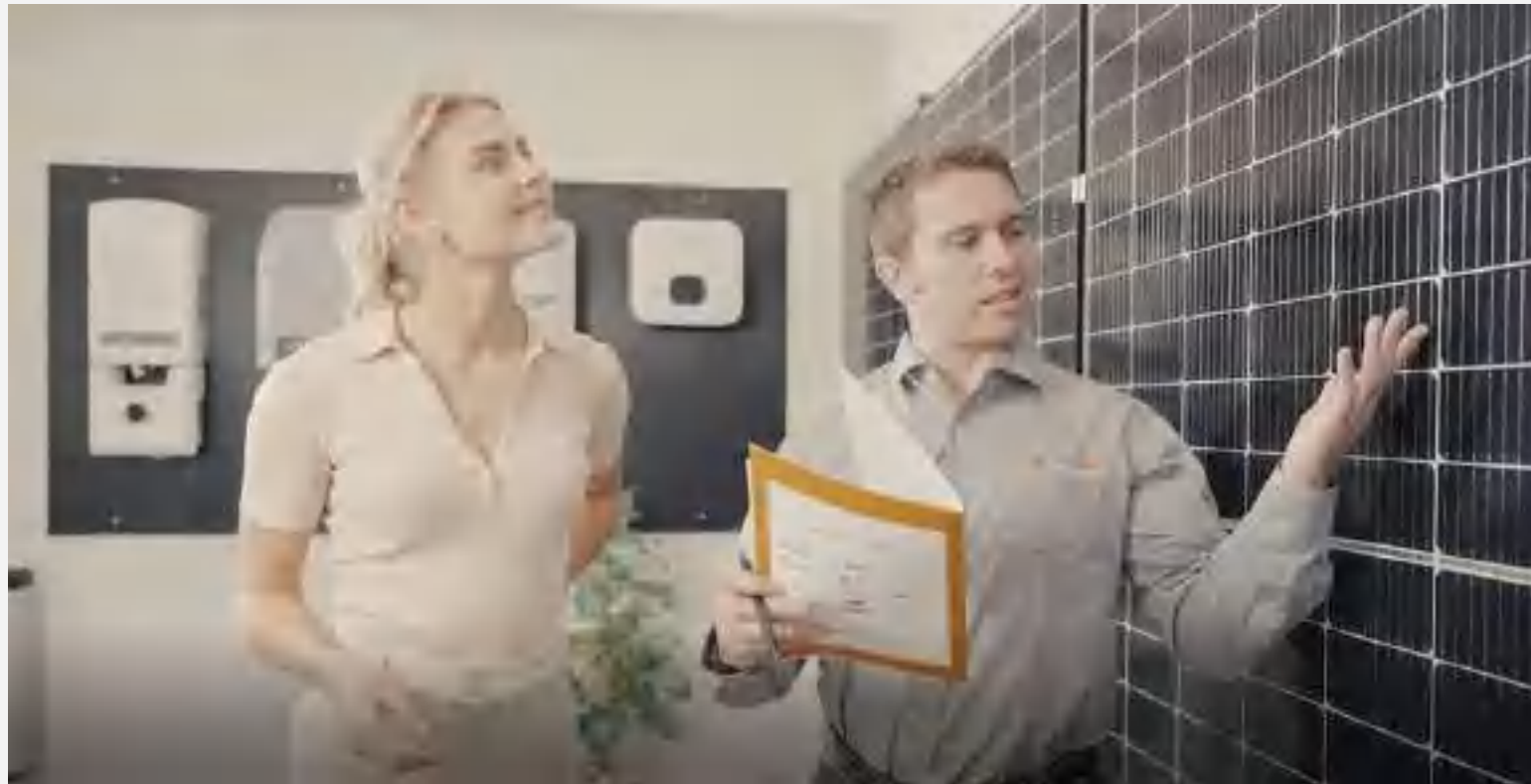
- ZEROCHARGE**
Pay ZERO to charge your battery 3 hours a day
- ZEROHERO**
Get paid \$1 a day when you use your battery 2 hours a day
- ZEROWASTEDSOLAR**
Get more \$ feed-in for excess energy up to 15 c/kwh

Reasonable terms and conditions apply

Earn up to \$365* & credit EVERY YEAR **Use more, Save more in EVERYDAY FREE Period***

*If you don't draw electricity from the grid at peak times
**Your actual bill will be based on your individual energy usage

0% Negative - Thousands of installation cases and customers



Third-Party Reviews



5 OUT OF 5

Value For Money



Installation



4.9 OUT OF 5

Customer Service



Flexible payment options



Every business is different, and that's why we have different options for different industries.

Ongoing support



We can offer guidance and oversight, along with cost-effective energy plans to assist your business with saving.

End-to-end service

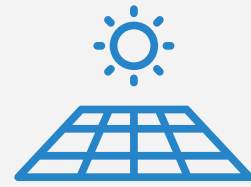


Clients benefit from a comprehensive end-to-end service. Our expertise provides expert advice, installation, technology, and ongoing support.

Experienced business team



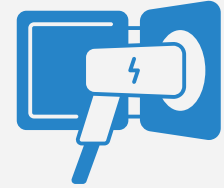
Receive consistent and reliable support from a dedicated and experienced expert who understands your business.



Solar



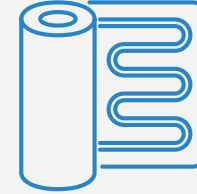
Battery



EV Charger



Solar Carport



Heat Pump

BRANDS WE CARRY



Third-Party Reviews



5 OUT OF 5



4.9 OUT OF 5

Value For Money



Installation



Customer Service



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