



HIELSCHER ELECTRICAL

SOLAR ENERGY





Company overview

Cairns solar energy specialists Hielscher Electrical was established in 2015 by Brenton Hielscher. His team has more than 30 years' electrical experience behind them and they are committed to excellence and innovation. This is what led to their expansion into solar. Hielscher Electrical Solar Energy is all about creating sustainable solar solutions, for residential and commercial customers. The team at Hielscher Electrical Solar Energy design effective solar systems to meet your specific energy consumption requirements. Using only quality componentry, provided at the best possible prices with a workmanship warranty. Based in Cairns, our solar specialists travel across North Queensland from Cardwell to Mareeba, Mossman and Port Douglas, delivering outstanding customer service from first contact to final installation. As solar specialists, we're pleased to provide a comprehensive range of services.



5 STAR REVIEWS FROM
OUR CUSTOMERS



Certifications



Leading Industry Partnerships



Homeowner reviews



The service and communication was great. Great guy to talk to and very honey with his product. Installation was fast and perfect job done. No complaints at all. Would highly recommend them.

Maz Burke



Excellent service - fully installed in 5 hours. Installers all very professional and owner Brenton very knowledgeable. Very happy with price too. if you're installing solar in Mission Beach make sure to quote with Hielscher.

Jamie Dalton



Prompt no fuss service, they had the panels in stock and it all got installed within 4 hours -- very happy with the product and the service.

Angus Thain



Great service and helpful staff.

Sasha Polozova



Don't hesitate in contacting Brenton and his team with your Solar or Electrical work. Speedy, efficient and most importantly friendly service. Great work Brenton and team.

Robert Pantic



Easy from Day 1. Nothing was too much trouble for the team, from the day of the quote to completion of installation of our solar systems. Professional service, custom built to suit our requirements. We would highly recommend Hielscher Electrical and their services. Thank you.

Jeanne N Chris Willox

Let's get started



Do you have a copy of your electricity bill?

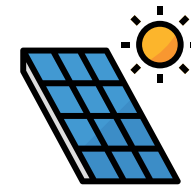


How much of your consumption is daytime usage?

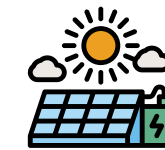


Have you seen any changes in your power consumption?

i.e, seasonal changes, future renovations, pools, extending family, etc.



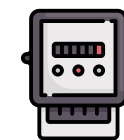
Have you had solar before?



Are there any particular products you have been looking at.



Would you be looking at finance options?



Is monitoring energy consumption and production something you are interested in?

How does solar work?

1 Solar panels

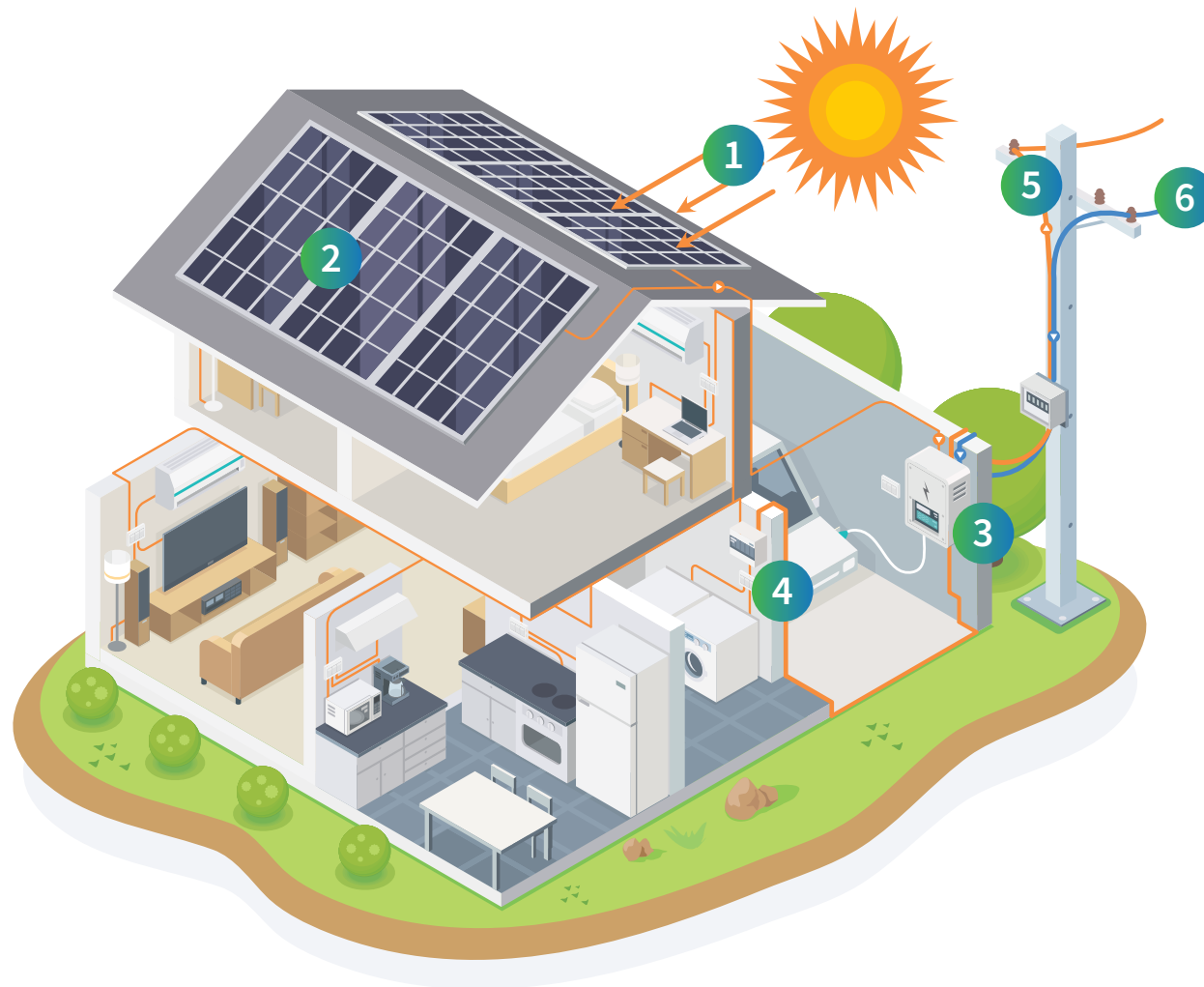
Sunlight shines on the solar panels

2 Photovoltaics

Cells harvest the solar energy

3 Inverter

Converts direct current (DC) to AC



4 Use electricity

Solar powers your home appliances

5 Excess solar

Export excess solar to the grid

6 Buy from the grid

Buy electricity when the sun isn't shining

Inverter



Founded in 2010 in Shenzhen, China's silicon valley
2019 ranked in top 10 global PV inverter supplier
5 plus 5 year product warranty



Founded in 1997 in Hefei, China
Voted #4 Best Residential Solar Inverter 2020
10 year product warranty



Founded in 1945 in Austria
Voted #1 Best Residential & Commercial Solar Inverter 2020
5 plus 5 year product warranty



Founded in 2006 in Israel
Voted #2 Best Residential Inverter and #3 Commercial Inverter 2020
12 year product warranty

Solar panels

Trinasolar

15 year product warranty – 25 year performance warranty

Trina was founded in 1997

Australian office in Sydney, NSW

Manufactured in China

HYUNDAI
ENERGY SOLUTIONS

25 year product warranty – 25 year performance warranty

Hyundai was founded in 1972 and is a Fortune 500 company

Australian office in Sydney, NSW

Manufactured in Vietnam and South Korea

tindo
solar

25 year product warranty – 25 year performance warranty
(Authorised dealers only)

Founded in 2011 in Adelaide, Australia

Tindo Solar is Australia's only manufacturer of solar panels

solaredge

15 year product warranty – 25 year performance warranty

Founded in 2006 in Israel

Australian office in Melbourne, VIC

Manufactured in China

Mounting system



Solar panels are securely mounted onto the aluminum mounting system that's installed directly onto your roof. All our mounting systems are installed to comply with the engineering certification, panel manufacturer specifications and AS/NZS 1170.2:2011 - which includes installing additional footings for our wind region.



Hot water timer

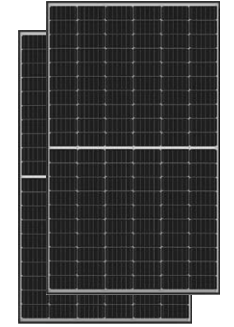
By connecting your electric hot water system to a timer, you avoid using additional power to boost your hot water supply when it's not needed.

The hot water system will be moved from the off-peak tariff to Tariff 11 and a timer will be installed so that it operates during solar hours.



Solar deals

solar**edge**



GENESIS

► 6.6kW SYSTEM

18 x 370W SolarEdge
SolarEdge Genesis SE5000H
Includes;
SolarEdge Modbus Meter
Current Transformer
Surge Protection
\$6,450

► 7.7kW SYSTEM

21 x 370W SolarEdge
SolarEdge Genesis SE6000H
Includes;
SolarEdge Modbus Meter
Current Transformer
Surge Protection
\$7,550

► 10.3kW SYSTEM

28 x 370W SolarEdge
SolarEdge Genesis SE8250H
Includes;
SolarEdge Modbus Meter
Current Transformer
Surge Protection
\$9,420

► 13.3kW SYSTEM

36 x 370W SolarEdge
SolarEdge Genesis SE10000H
Includes;
SolarEdge Modbus Meter
Current Transformer
Surge Protection
\$12,050

ENERGY HUB

► 6.6kW SYSTEM

18 x 370W SolarEdge
SolarEdge SE5000H-AUS
Energy Hub
Includes;
SolarEdge Modbus Meter
Current Transformer
Surge Protection
\$6,900

► 7.7kW SYSTEM

21 x 370W SolarEdge
SolarEdge SE6000H-AUS
Energy Hub
Includes;
SolarEdge Modbus Meter
Current Transformer
Surge Protection
\$8,250

► 10.3kW SYSTEM

28 x 370W SolarEdge
SolarEdge SE8250H-AUS
Energy Hub
Includes;
SolarEdge Modbus Meter
Current Transformer
Surge Protection
\$10,550

► 13.3kW SYSTEM

36 x 370W SolarEdge
SolarEdge SE10000H-AUS
Energy Hub
Includes;
SolarEdge Modbus Meter
Current Transformer
Surge Protection
\$12,900



Growatt

▶ 6.6kW SYSTEM

18 x 370W Trina
Growatt MIN 5000TL-X
\$4,200

▶ 7.7kW SYSTEM

21 x 370W Trina
Growatt MIN 6000TL-X
\$5,200

SUNGROW

▶ 6.6kW SYSTEM

18 x 370W Trina
Sungrow SG5K-D
\$4,600

▶ 10.3kW SYSTEM

28 x 370W Trina
Sungrow SG8K-D
\$7,100



▶ 6.6kW SYSTEM

18 x 370W Trina
Fronius 5.0-1 INT
Includes;
Fronius Smart Meter 63A-1
\$5,300

▶ 7.7kW SYSTEM

21 x 370W Trina
Fronius 6.0-1
Includes;
Fronius Smart Meter 63A-1
\$6,500

▶ 10.3kW SYSTEM

28 x 370W Trina
Fronius 8.2-1
Includes;
Fronius Smart Meter 63A-1
\$7,900



Growatt

▶ 6.6kW SYSTEM

17 x 390W Hyundai
Growatt MIN 5000TL-X
\$4,800

▶ 7.8kW SYSTEM

20 x 390W Hyundai
Growatt MIN 6000TL-X
\$5,800

SUNGROW

▶ 6.6kW SYSTEM

17 x 390W Hyundai
Sungrow SG5K-D
\$5,200

▶ 10.5kW SYSTEM

27 x 390W Hyundai
Sungrow SG8K-D
\$7,900



▶ 6.6kW SYSTEM

17 x 390W Hyundai
Fronius Primo 5.0-1
Includes;
Fronius Smart Meter 63A-1
\$5,900

▶ 7.8kW SYSTEM

20 x 390W Hyundai
Fronius Primo 6.0-1
Includes;
Fronius Smart Meter 63A-1
\$7,200

▶ 10.5kW SYSTEM

27 x 390W Hyundai
Fronius Primo 8.2-1
Includes;
Fronius Smart Meter 63A-1
\$9,100



📞 07 4033 0521

✉ sales@hielscherelectrical.com.au

🌐 www.hielscherelectrical.com.au

📍 61 Hargreaves Street, Edmonton, Cairns QLD 4869

🔧 Electrical Contractors Licence 83104