





Dear Customer,

Springers Solar would like to take this time to welcome you into our large network of Queensland solar homeowners.

We have 18 years of experience in designing and installing PV solar systems. In this time we have only ever selected quality components that ensures optimal performance and the best outcomes for you. Springers Solar is the only Brisbane based founding signatory of the Clean Energy Council code of conduct, offering a 10-year workmanship warranty and using only Clean Energy Council approved components designed and tested for Australian conditions.

Springers Solar does not subcontract, every interaction in regards to your system will be handled by a Springers employee. We have on staff licenced electricians, engineers, construction managers and customer service operators. Once you have received an official quote based on your property and requirements, there are no hidden fees, there are no extras, there are no surprises. With Springers Solar you have the peace of mind that everything is handled by a family business with a corporate profile.

Warmest Regards,

Joe, Mick & Eddie Springer Springers Solar

Quality Components 18 Years Experience Proven Performance















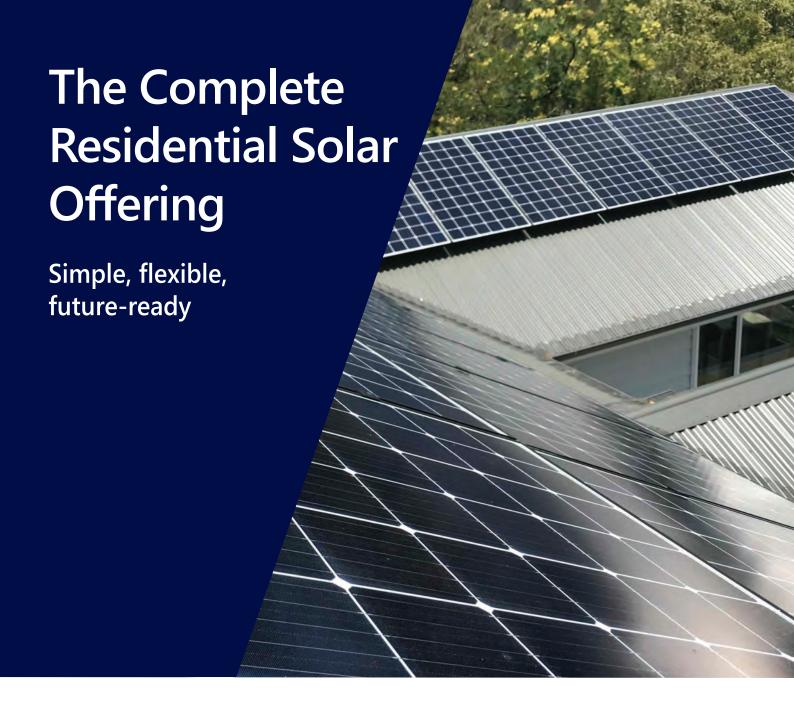












#### **Smarter solar panels**



Solar panels with integrated power optimisers, for faster installations, higher production, and greater convenience

#### More energy



Maximised energy output with MPPT per panel and mitigation of panel power losses

#### **Design flexibility**



Longer strings, of uneven lengths, with multiple panel types and orientations in the same string

#### **Full visibility**



Reduced O&M costs with free panel, string, and system-level performance monitoring for the system lifetime

#### **Future-ready**



Install more panels later, or upgrade to solutions likely needed in future such as battery storage, EV charging, or home automation

#### **Complete PV solution**



Full system offering backed up by a reliable supply chain, with warranty and service, all from SolarEdge





# **VALUE SYSTEM**

#### GRID CONNECTED PV PRICE LIST

QCELLS 350W QMAXX GEN 2 DUO

| CAPACITY kW | NO. OF PANELS | DAILY DELIVERY | STRING INVERTER | MOST POPULAR<br>SOLAR EDGE | ENPHASE  |
|-------------|---------------|----------------|-----------------|----------------------------|----------|
| 6.65        | 19            | 27.93          | \$6,290         | \$7,390                    | \$8,690  |
| 7.70        | 22            | 32.34          | \$7,290         | \$8,390                    | \$9,690  |
| 9.10        | 26            | 38.22          | \$7,990         | \$9,690                    | \$11,990 |
| 10.50       | 30            | 44.10          | \$8,590         | \$10,950                   | \$13,990 |
| 13.30       | 38            | 55.86          | \$10,690        | \$12,990                   | \$16,950 |
| 16.80       | 48            | 70.56          | \$14,440        | \$16,950                   | \$19,950 |

<sup>\*</sup>All prices have STC rebate already taken off \*All prices include GST \*Daily Delivery in kWh \*Prices are indicative and not final

# SPECIAL OFFER







#### Q.ANTUM TECHNOLOGY: LOW LEVELISED COST OF ELECTRICITY

Higher yield per surface area, lower BOS costs, higher power classes, and an efficiency rate of up to 20.2 %.



#### INNOVATIVE ALL-WEATHER TECHNOLOGY

Optimal yields, whatever the weather with excellent low-light and temperature behaviour.



#### ENDURING HIGH PERFORMANCE

Long-term yield security with Anti LID Technology, Anti PID Technology  $^1$ , Hot-Spot Protect and Traceable Quality Tra.Q™.



#### EXTREME WEATHER RATING

High-tech aluminium alloy frame, certified for high snow (5400 Pa) and wind loads (4000Pa).



#### A RELIABLE INVESTMENT

Inclusive 12-year product warranty and 25-year linear performance warranty<sup>2</sup>.



#### STATE OF THE ART MODULE TECHNOLOGY

O.ANTUM DUO combines cutting edge cell separation and innovative wiring with Q.ANTUM Technology.

 $^1$  APT test conditions according to IEC/TS 62804-1:2015, method B (–1500 V, 168 h)  $^2$  See data sheet on rear for further information.







**12** years

25<sub>years</sub> linear performance guarantee

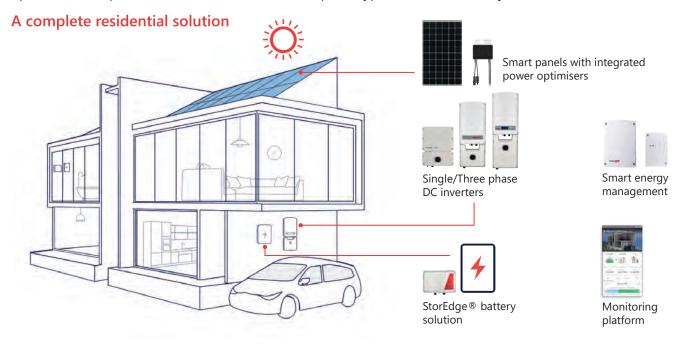
<sup>\*</sup>String Inverter is a Sungrow Inverter

# / One Vendor for All Your Solar Needs

SolarEdge has deployed class-leading solar panels, integrated with power optimisers, to combine with its award-winning inverters and energy management systems. Deliver the ultimate residential solution from just one solar vendor.

#### We know PV

As a global leader in solar technology, SolarEdge's solar panel expertise comes from selling over 40 million power optimisers, compatible with hundreds of different panel types installed on every kind of roof, in 133 countries.



| SolarEdge vs. string inverters  | SolarEdge<br>DC optimised<br>inverter solution | Typical string inverter solution |  |
|---|--|----------------------------------|--|
| More energy  Mitigation of panel power losses e.g. shading, soiling, panel ageing  MPP tracking per panel for optimised energy production  Faster ROI   |  | ×                                |  |
| <ul> <li>High reliability</li> <li>Up to 99% inverter efficiency for less heat dissipation and longer lifetime</li> <li>12-year inverter warranty, low cost extensions to 20/25 years</li> </ul>                          |  | ×                                |  |
| Simplified designs  Multiple panel types and orientations in each string Built-in communication options Long and uneven strings   |  | ×                                |  |
| <ul> <li>Advanced safety</li> <li>Touch-safe DC voltage when the inverter is off or disconnected, protecting installers, maintenance crew, and firefighters</li> <li>Built-in arc fault detection capabilities</li> </ul> |  | ×                                |  |
| Panel-level monitoring Performance monitoring, from anywhere, anytime Remote maintenance for lower O&M costs Higher system uptime   | <b>/</b>                                       | ×                                |  |



# **SMART SYSTEM**

#### GRID CONNECTED PV PRICE LIST **SOLAREDGE 365W SMART PANELS**

| CAPACITY kW | NO. OF PANELS | DAILY DELIVERY | OPTIMIZER  | <b>+</b> \$429.99                                |
|-------------|---------------|----------------|------------|--|
| 5.40        | 15            | 22.68          | \$6,450    | SOLAREDGE  |
| 6.48        | 18            | 27.21          | \$6,950    | SMART ENERGY<br>RELAY                            |
| 7.92        | 22            | 33.26          | \$8,350    | <b>\$999</b> .99                                 |
| 9.00        | 25            | 37.80          | \$9,650    | SOLAREDGE HOT                                    |
| 10.80       | 30            | 45.36          | \$10,900   | WATER IMMERSION CONTROL                          |
| 13.32       | 37            | 55.94          | \$12,950   | <b>+</b> \$649.99                                |
| 15.84       | 44            | 66.52          | \$15,950   | <b>УО47</b> SE5000H                              |
| 19.80       | 55            | 83.16          | \$18,950   | EV CHARGER* READY UPGRADE *cable sold seperately |
|             | LABER OF A    |                | <b>^</b> = |  |



\$649.99

\$949.99



#### PV to grid solution including full service from SolarEdge

- Easy installation with panel pre-assembled power optimiser
- / Optimised energy output by constantly tracking the maximum power point (MPPT) of each panel individually
- Panel-level voltage shutdown for installer and firefighter safety
- / Full visibility of system performance from panel



- / Superior quality control with full automatic production line
- / Excellent mechanical loading and shock resistance performance
- / Elegant design with black frame

Monitoring platform

Automatic alerts Access from your mobile device, anytime, anywhere

- / 12-year panel warranty and 25-year performance warranty
- / Specifically designed to work with SolarEdge

Monitoring of PV production, consumption and self-consumption, smart energy, as well as battery and EV charging levels

#### Award-winning technology









#### Corporate social responsibility

As a global leader in smart energy technologies, SolarEdge is committed to a sustainable world and is in full compliance with international standards on quality and control, ethical conduct, and environmental protection.











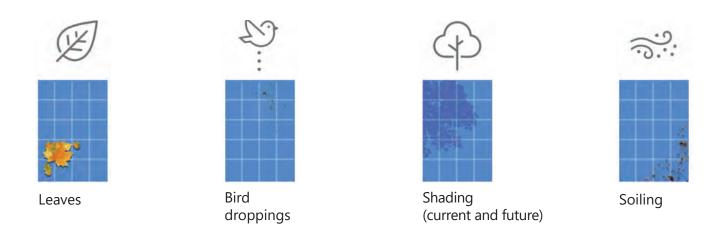
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# / Why Choose a SolarEdge System to Power Your Home?

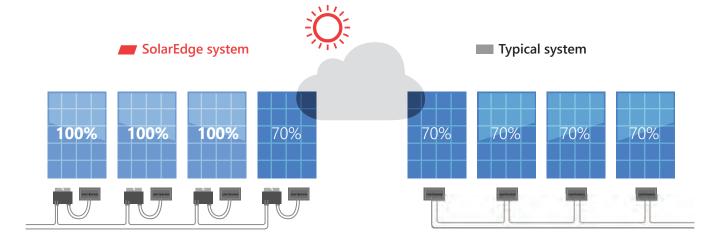
#### More energy from the sun

#### More power = more savings on your electricity bill

In a PV system, each panel has an individual maximum power point. Differences between panels introduce power losses and can lead to underperformance of the entire system over time.



With traditional inverters, the weakest panel reduces the performance of all panels. With SolarEdge, each panel produces the maximum energy, and power losses are eliminated.





#### **Exceptional safety**

SolarEdge's SafeDC™ feature is designed to reduce the PV array to a safe voltage upon AC or inverter shutdown, offering more protection to installers, firefighters, and your home. Compliant with the most advanced safety standards.



# PERFORMANCE SYSTEM

#### GRID CONNECTED PV PRICE LIST

QCELLS 350W Q.PEAK DUO-G6+

| CAPACITY kW | NO. OF PANELS | DAILY DELIVERY | STRING INVERTER | MOST POPULAR<br>SOLAR EDGE | ENPHASE  |
|-------------|---------------|----------------|-----------------|----------------------------|----------|
| 6.65        | 19            | 27.93          | \$7,450         | \$8,450                    | \$9,950  |
| 7.70        | 22            | 32.34          | \$8,690         | \$9,450                    | \$10,950 |
| 9.10        | 26            | 38.22          | \$8,950         | \$10,950                   | \$12,950 |
| 10.50       | 30            | 44.10          | \$10,450        | \$11,950                   | \$14,500 |
| 13.30       | 38            | 55.86          | \$13,330        | \$14,950                   | \$17,500 |
| 16.80       | 48            | 70.56          | \$17,540        | \$19,500                   | \$22,950 |
| 19.95       | 57            | 70.56          | \$18,950        | \$22,950                   | \$26,950 |

<sup>\*</sup>All prices have STC rebate already taken off

Prices are indicative and not final String Inverter is a Sungrow Inverter









#### Q.ANTUM TECHNOLOGY: LOW LEVELISED COST OF ELECTRICITY

Higher yield per surface area, lower BOS costs, higher power classes, and an efficiency rate of up to 20.1 %.



#### INNOVATIVE ALL-WEATHER TECHNOLOGY

Optimal yields, whatever the weather with excellent low-light and temperature behaviour.



#### **ENDURING HIGH PERFORMANCE**

Long-term yield security with Anti LID Technology, Hot-Spot Protect and Traceable Quality Tra.Q™.



#### EXTREME WEATHER RATING

High-tech aluminium alloy frame, certified for high snow (5400 Pa) and wind loads (4000Pa).



#### A RELIABLE INVESTMENT

Inclusive 25-year product warranty and 25-year linear performance warranty 1.



#### STATE OF THE ART MODULE TECHNOLOGY

Q.ANTUM DUO combines cutting edge cell separation and innovative wiring with Q.ANTUM Technology.



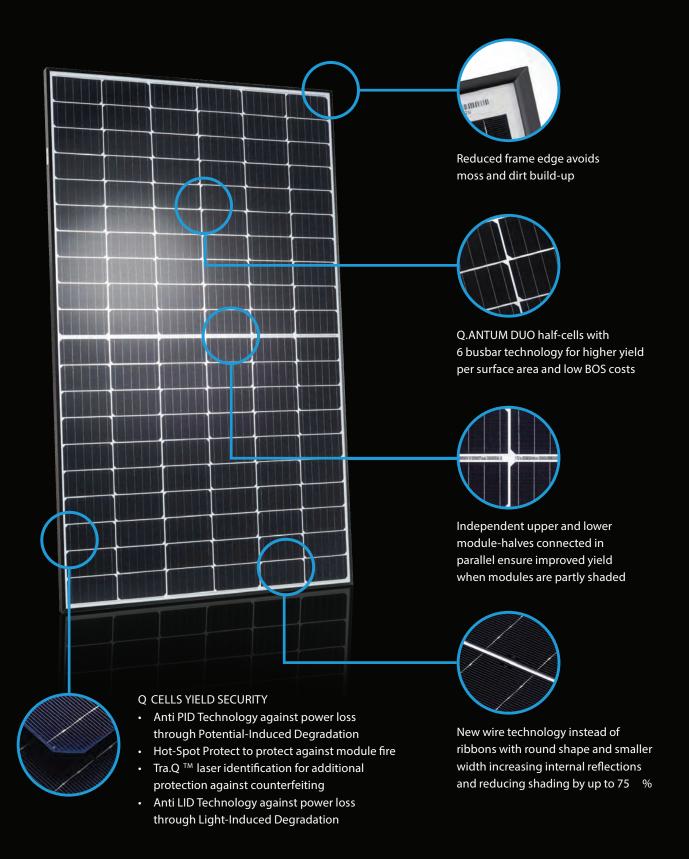


<sup>\*</sup>All prices include GST \*Daily Delivery in kWh

<sup>1</sup> See data sheet on rear for further information.

### OUR Q.PEAK DUO-G6+

# WE PAY ATTENTION TO DETAILS



#### Q.ANTUM CELL TECHNOLOGY

MORE LIGHT. MORE PERFORMANCE. MORE ELECTRICITY.



# The Enphase smart home with 10



#### SAFE, RELIABLE, FLEXIBLE

Home energy systems are a long-term investment that you want to get right. Safety and reliability are most important, and Enphase excels at both. At the same time, Enphase technology offers you the flexibility to handle whatever the future might bring—from home expansions to smart home and smart grid integration. Enphase is a name you can trust now and for years to come.

#### **Enphase Envoy**

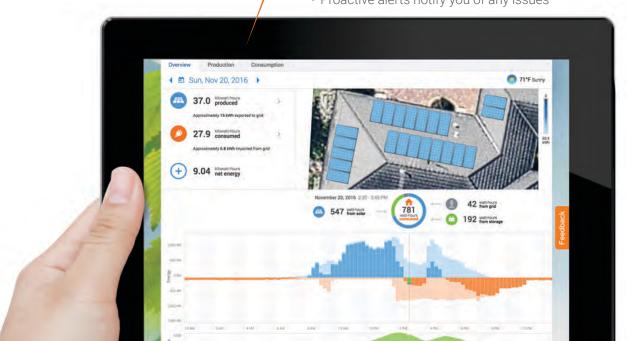
The brains of your system

- Drives your Enlighten monitoring software
- Measures your home energy usage
- Two-way communications for ongoing system updates and remote maintenance

#### **Enphase Enlighten**

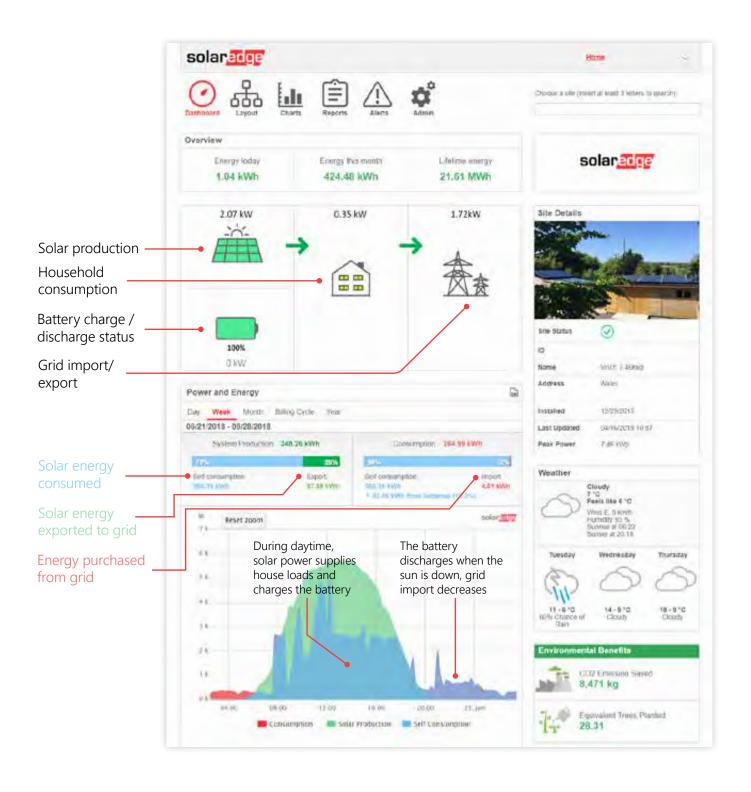
The world's most advanced solar + storage monitoring

- Award-winning software that lets you monitor system health from any web-connected device
- Quickly identify trends in efficient energy usage as well as areas for improvement.
- Proactive alerts notify you of any issues



# Full Monitoring of PV and StorEdge Systems

The SolarEdge monitoring platform provides insight into household PV production and consumption, displaying the power flow between the PV array, battery, grid and house loads as well as tracking real-time system data.





# **DELUXE SYSTEM**

#### GRID CONNECTED PV PRICE LIST

#### LG Mono X Plus 370W SOLAR PANELS

| CAPACITY kW | NO. OF PANELS | DAILY DELIVERY | STRING INVERTER | MOST POPULAR<br>SOLAR EDGE | ENPHASE  |
|-------------|---------------|----------------|-----------------|----------------------------|----------|
| 6.66        | 18            | 27.97          | \$6,950         | \$7,950                    | \$8,950  |
| 8.88        | 24            | 37.30          | \$7,950         | \$8,950                    | \$10,450 |
| 9.99        | 27            | 41.96          | \$8,950         | \$11,450                   | \$13,950 |
| 13.32       | 36            | 55.94          | \$11,450        | \$13,950                   | \$16,950 |

<sup>\*</sup>All prices have STC rebate already taken off

<sup>\*</sup>String Inverter is a Sungrow Inverter







#### ABOUT LG ELECTRONICS

LG Electronics embarked on a solar energy research programme in 1985, using our vast experience in semi-conductors, chemistry and electronics. In 2010, LG Solar successfully released its first Mono  $X^{\otimes}$  series, and LG Solar panels are now available in 32 countries. LG solar panels won the acclaimed Top Brand PV Award in Australia for 5 years in a row from 2016 to 2020. This consistent award and recognition demonstrates LG Solar's high reputation amongst the solar installation industry. With many lesser known brand panels selling in Australia, LG Solar panels offer a peace of mind solution, as they are backed by a very large established global brand.

#### **KEY FEATURES**



#### Proven Field Performance

LG has been involved in a number of comparison tests of the LG panels against many other brand panels. LG models are consistently among the better performing in these tests.



#### **Extensive Testing Programme**

LG solar panels are tested between 2 to 3 times the International Standards at our in-house testing laboratories, ensuring a very robust and longer lasting solar module.



#### Strict Quality Control Reliable for the Future

The quality control of LG world-class solar production is monitored and improved using Six Sigma techniques to effectively maintain and improve our uncompromising quality.



#### Cyclone Wind Load Resistance

LG panels have a strong double walled frame. When it comes to wind forces (rear load) many competitor modules are certified to 2400 Pascals. The LG Mono  $X^{\otimes}$  Plus panels are certified to 3000 Pascals, which provides more wind load resistance than a standard panels.



#### Multi Anti-reflective Coatings Increase Output

LG is using an anti-reflective coating on the panels glass as well as on the cell surface to ensure more light is absorbed in the panel and not reflected. More absorbed light means more electricity generation.



#### Positive Tolerance (0/+3%)

If you buy a 440 Watt panel then the flash test of this panel will show somewhere between 440W and 453W. Some competitor panels have -/+ tolerance, so you could get a flash test result below the rated Watt, meaning you pay for Watts you never get.

#### Awards Received By LG Solar™

















Electrical Contractor's Licence: 69003 | ABN: 63 086 620 644

<sup>\*</sup>All prices include GST

<sup>\*</sup>Daily Delivery in kWh



# **BATTERY SYSTEMS**

TESLA

GRID CONNECTED PV PRICE LIST TESLA PRODUCTS

CAPACITY kWh

**PRICE** 

13.5

\$13,500



















SPRINGERS

Installed the most Tesla Powerwall 2 Batteries in QLD in 2019 TESLA

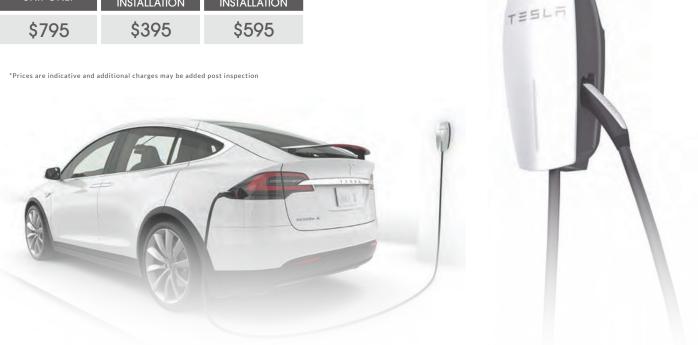
POWERWALL

CERTIFIED INSTALLER



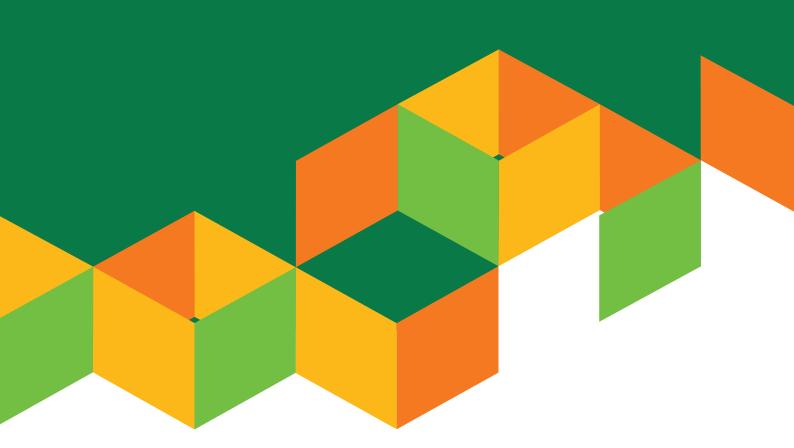
SINGLE PHASE INSTALLATION

THREE PHASE INSTALLATION





# NOTES





www.springers.com.au (07) 3889 8898