

# SOLAR

J. A. Russell Ltd

## PRODUCT CATALOGUE

2025



# OUR BRANDS, SELECTED TO PERFORM



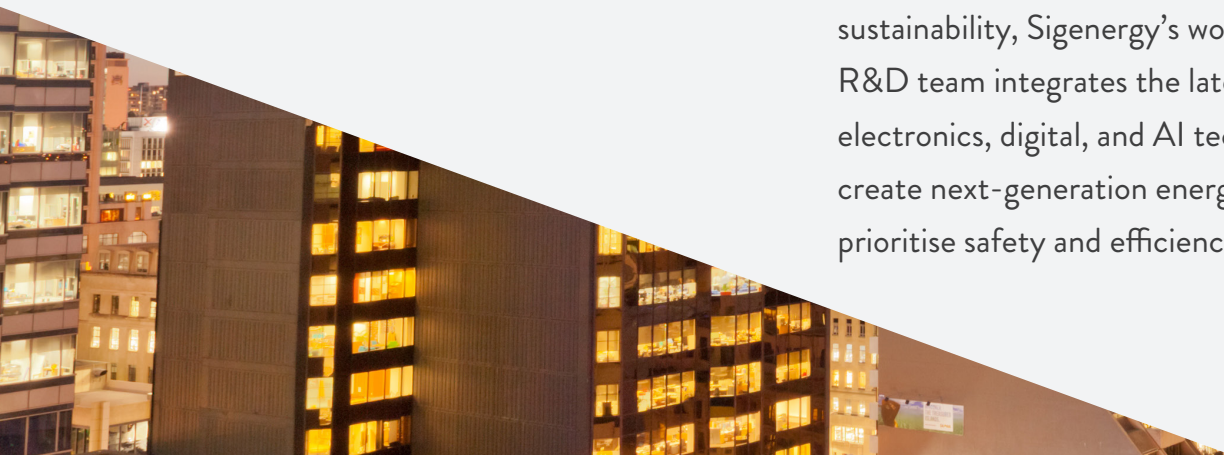
As a global leading provider for photovoltaic (PV) module and smart energy solutions, Trina Solar delivers PV products, applications and services to promote global sustainable development. Trina's photovoltaic panels and solar system components provide clean, affordable and reliable energy to homes, businesses and power plants around the world.



Suntech is recognized as a prominent photovoltaic manufacturer globally, established in 2001. The company is dedicated to the research and development (R&D) and production of crystalline silicon solar cells and modules. Over the past 23 years, Suntech has expanded its sales network to over 100 countries and regions worldwide, with cumulative shipments surpassing 50 GW1.



Sigenergy is a forward-thinking company dedicated to developing cutting-edge energy solutions for both homes and businesses. Founded in 2022, Sigenergy specialises in energy storage systems, solar inverters, and EV chargers. With a strong commitment to innovation and sustainability, Sigenergy's world-class R&D team integrates the latest in power electronics, digital, and AI technologies to create next-generation energy products that prioritise safety and efficiency.





## OUR BRANDS



BYD has developed a battery storage line, which is suitable for any application. The modular LV and HV solutions fit any residential and commercial application or off grid solution.



Advancing a sustainable future for all. Founded in 2006, Enphase transformed the solar industry with our revolutionary microinverter technology which turns sunlight into a safe, reliable, resilient, and scalable source of energy to power our lives. Today, our intelligent microinverters work with virtually every solar panel made.



Clenergy is a high-tech enterprise in the global solar PV industry. Clenergy specialize in the development, manufacturing, and engineering of solar mounting gear for your next renewable energy site.



GoodWe is a world-leading PV inverter and energy storage solutions manufacturer, with an accumulative delivery of two million inverters and installation of 16 GW in more than 80 countries.

[www.solar.jarussell.co.nz](http://www.solar.jarussell.co.nz)



Advice



Design



Supply

**SOLAR**  
J. A. Russell Ltd

## ABOUT US

### What We Do

As a proud New Zealand owned business, J. A. Russell Ltd and Radcliffe Electrical has been a trusted name to the electrical wholesale and distribution industry since 1951.

The J. A. Russell Ltd and Radcliffe Electrical Solar team specializes in world class solar power solutions to trade customers. We offer innovative solar power products to suit a wide range of applications from small home systems to large commercial roof top and ground mount projects. Products are available through any of our 79 branches nationwide.

Visit one of our locations and get in touch with one of our experienced Solar Technicians with skills and practical up to date industry knowledge to help you make the right selection for your project.

If you would like to find out more about how we can serve your solar power needs, get in touch today.

021 738 705

[solar@jarussell.co.nz](mailto:solar@jarussell.co.nz)

[www.solar.jarussell.co.nz](http://www.solar.jarussell.co.nz)

**J. A. Russell Ltd**  
ELECTRICAL & DATA SUPPLIERS

**Radcliffe**  
ELECTRICAL



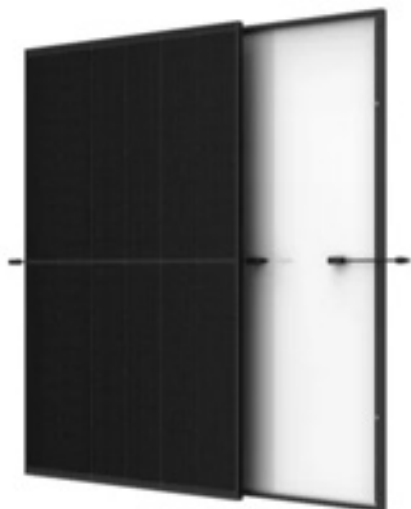
# SOLAR PANELS



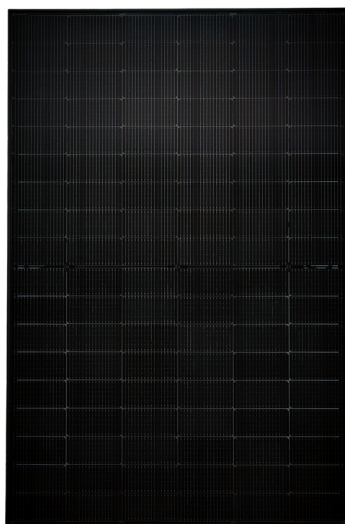
84330170	440W Trina Solar panel mono TSM-440NEG9R.25 Black Vertex S+ 1762x1134x30mm
84330160	500W Trina Solar Panel Vertex Mono 1961x1134x30mm
48424400	Solar Panel clenaer 1L concentrate 1754785 CRC WhattsUp
48424410	Solar Panel clenaer 5L concentrate 1753427 CRC WhattsUp



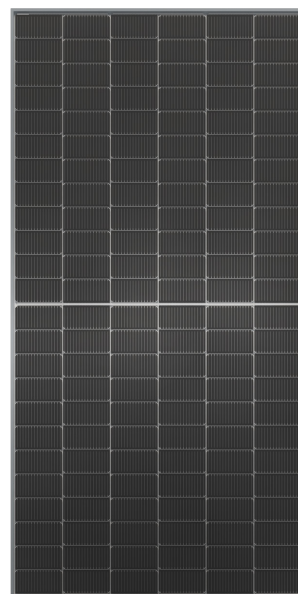
84610020	Solar panel 440W mono bifacial BK STP440S-C54/Nshtb+ Suntech
84610030	Solar panel 585W bifacial N-Type STP585S-C72/Nsh+ Suntech
84610040	Solar panel 505W monofacial STP505S-H54/Nfb+ Suntech - Coming Soon



440W Trina Solar Panel Mono  
84330170



440W Suntech Solar Panel  
84610020



585W Suntech Solar Panel  
84610030

# SINGLE PHASE GRID TIED INVERTERS

**GOODWE** GOODWE - Single Phase, Wi-Fi (Optional LAN) - IP65/IP66- built-in DC Switch

84560590	3kW GoodWe XS+ series - 1P 1xMPPT GW3000-XS-11
84560310	5kW GoodWe DNS-30 Series - 1P 2xMPPT GW5000-DNS-30
84560470	6kW GoodWe DNS-30 Series - 1P 2xMPPT GW6000-DNS-30
84560230	5kW GoodWe MS-30 Series - 1P 3xMPPT GW5000-MS-30
84560240	6kW GoodWe MS-30 Series - 1P 3xMPPT GW6000-MS-30
84560250	8.5kW GoodWe MS-30 Series - 1P 3xMPPT GW8500-MS-30
84560260	10kW GoodWe MS - 30 Series - 1P 3xMPPT GW10K-MS-30
84580010	GoodWe CT90-5 - 1P 90A CT 5mt length- Export Limit only
84590030	GoodWe CT90-30 - 1P 90A CT 30mt length- Export Limit only
84590300	Goodwe GM1000 -1P 120A (16mm) CT Meter - Export limit & load monitoring



GoodWe 3kW Inverter  
84560590



GoodWe 5kW 30 Series  
84560230



Goodwe 8.5kW MS-30 Series  
84560250



Goodwe GM1000 -1P 120A (16mm)  
CT Meter  
84590300

# THREE PHASE GRID TIED INVERTERS

**GOODWE** GOODWE - Three Phase, Wi-Fi (Optional LAN) - IP65/IP66 - built-in DC Switch

84590050	10kW GoodWe AU-DT Series - 3P 2xMPPT - GW10KAU-DT
84560210	20kW GoodWe AU-DT Series - 3P 2xMPPT - GW20KAU-DT
84560100	29.9kW GoodWe SMT Series - 3P 3xMPPT - GW29.9K-MT
84560570	50kW GoodWe SMT Series - 3P 5xMPPT - GW50KS-MT
84560580	60kW GoodWe SMT Series - 3P 6xMPPT - GW60KS-MT
84560115	80kW GoodWe MT Series - 3P 4xMPPT - GW80K-MT
84560480	100kW GoodWe HT Series - 3P 10xMPPT - GW100K-HT
84560490	110kW GoodWe HT Series - 3P 12xMPPT - GW110K-HT
84560500	120kW GoodWe HT Series - 3P 12xMPPT - GW120K-HT

## Accessories

84560070	Goodwe GM3000 - 3P 120A Smart CT (16mm) meter - Export limit & Load monitoring
84560220	GoodWe Home Kit HK3000- 3P 120A Smart CT(16mm) Meter - Export limit & load monitoring
84590110	GoodWe Home Kit HK3000- 3P 200A Smart CT(24mm) Meter - Export limit & load monitoring
84590070	GoodWe WiFi & Lan Kit
84560130	GoodWe Smart Energy Controller SEC1000 - Export Control, Load Monitoring, Reactive Power Compensation
84560075	Goodwe GM330 - 3P Smart CT meter (CT's not included) - Export limit & Load monitoring
84590010	GoodWe Current Transformer 250/5A 30x20mm - to be used with SEC1000
84590020	GoodWe Current Transformer 250/5A 60x40mm - to be used with SEC1000
84590210	GoodWe Current Tranformer 1000/5A 60x40mm - to be used with SEC1000
84590220	GoodWe Current Tranformer 1000/5A 80x40mm - to be used with SEC1000
84590230	GoodWe Current Tranformer 1000/5A 80x80mm - to be used with SEC1000
84590240	GoodWe Current Tranformer 5000/5A 140x60mm - to be used with SEC1000



GoodWe 10.0kW Inverter  
84590050



GoodWe 29.9kW Inverter  
84560100



GoodWe 80kW Inverter  
84560115



GoodWe Export Limit Meter  
84560070

# HYBRID INVERTERS

## GOODWE

### Single Phase *Single Phase, Wi-Fi (Optional LAN), Communication CT meter - IP65 - built-in DC Switch*

84560410	5kW GoodWe EH+ Series - Hybrid HV - 1P 2xMPPT GW5000N-EH
84560420	6kW GoodWe EH+ Series - Hybrid HV - 1P 2xMPPT GW6000N-EH
84560430	5kW GoodWe ES-20 Series - Hybrid LV - 1P 2xMPPT GW5000-ES-20
84560435	6kW GoodWe ES-20 Series - Hybrid LV - 1P 2xMPPT GW6000-ES-20

### Three Phase

84560510	6kW GoodWe ET Series - Hybrid HV - 3P 2xMPPT GW6KL-ET
84560065	10kW GoodWe ET G2 Series - Hybrid HV - 3P 2xMPPT GW10KL-ET-20
84560520	15kW GoodWe ET Series - Hybrid HV - 3P 2xMPPT GW15K-ET
84560460	20kW GoodWe ET Series - Hybrid HV - 3P 2xMPPT GW20K-ET
84560530	25kW GoodWe ET Series - Hybrid HV - 3P 3xMPPT GW25K-ET
84560540	29.9kW GoodWe ET Series - Hybrid HV - 3P 3xMPPT GW29.9K-ET
84560560	50kW GoodWe ETC Series - Hybrid HV - 3P 1xMPPT GW50K-ETC

### Accessories

84590150	GoodWe Smart Energy Controller SEC1000S - To Parallel ET series Hybrid Inverters
84590010	GoodWe Current Transformer 250/5A 30x20mm - to be used with SEC1000S
84590020	GoodWe Current Transformer 250/5A 60x40mm - to be used with SEC1000S
84590210	GoodWe Current Transformer 1000/5A 60x40mm - to be used with SEC1000S
84590220	GoodWe Current Transformer 1000/5A 80x40mm - to be used with SEC1000S
84590230	GoodWe Current Transformer 1000/5A 80x80mm - to be used with SEC1000S
84590240	GoodWe Current Transformer 5000/5A 140x60mm - to be used with SEC1000

### AC Couple Inverters *Single Phase, Wi-Fi (Optional LAN), Communication CT meter - IP65*

84560440	5kW GoodWe SBP-20 Series - AC Couple LV - 1P GW5000-SBP-20
84560450	6kW GoodWe SBP-20 Series - AC Couple LV - 1P GW6000-SBP-20

### Goodwe Three Phase - AC Couple Inverters

84560550	50kW GoodWe BTC Series - AC Couple HV - 3P GW50K-BTC
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# LITHIUM BATTERIES

**GOODWE**

## High Voltage

Lithium Batteries - *To use with Goodwe 50kW ETC & BTC Series*

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84580160 Goodwe LynxC HV Battery LXC9.2-10 10kWh (Require Cabinets)

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Lithium Batteries - *To use with Goodwe N-EH series & ET/ET Plus HV series Inverters only.*

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84580140 Battery HV 3.2kWh LifePO4 stackable LXF3.2-H-20 GoodWe Lynx F G2

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84580150 Base & top for HV LXF3.2-H-20 PCU-F52 GoodWe Lynx F G2

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**Accessories-** *Cabinets only - for LynxC HV Batteries*

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84580190 LYNXC101 - Battery cabinet 1155 x 1650 x 730mm Fit 11 batteries Cabinets only - for LynxC HV Batteries

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84580170 LYNXC120 - Battery cabinet 1155 x 1650 x 730mm Fit 13 batteries Cabinets only - for LynxC HV Batteries

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84580180 LYNXC156 - Battery cabinet 1155 x 2065 x 730mm Fit 17 batteries Cabinets only - for LynxC HV Batteries

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## Low Voltage

Lithium Batteries - *To use with Goodwe ES-20 series & SBP-20 LV series Inverters only*

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84580200 GoodWe Lynx Home U-series LX U5.4-20 - 5.4kWh LFP LV series

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Battery HV 3.2kWh LifePO4 stackable  
LXF3.2-H-20 GoodWe Lynx F G2



Cabinets for Lynx C HV series batteries

# LITHIUM BATTERIES



## High Voltage Batteries 160V - 600V

*Lithium Iron Phosphate (cobalt-free). HVS & HVM are compatible with GoodWe HV & Fronius Hybrid Inverters*

84570040	2.56kWh BYD HVS Battery Box, IP55
84570020	2.76kWh BYD HVM Battery Box, IP55
84570030	HV BYD Battery Box BCU + Base

*Lithium Iron Phosphate (cobalt-free)*

## Low Voltage Batteries 48V

84570050	4.0kWh BYD LVS Battery Box LVS4.0
84570080	15.4kWh BYD LVL Battery Box
84570060	PDU LVS BYD Battery Box LVSPDU
84570070	BMU LVS & LVL BYD Battery Box
84570100	35mm LVS Connector Power Cable
84570110	50mm LVS Connector Power Cable



4 x BYD 4kWh Battery  
84570050



15.4kWh BYD LVL Battery Box  
84570080

# SIGENERGY HV SERIES HYBRID/OFF- GRID INVERTERS



## Single Phase

84320020	Sigenergy EC 5.0 SP - 5kW Single phase Hybrid/Off Grid Inverter
84320030	Sigenergy EC 6.0 SP - 6kW Single phase Hybrid/Off Grid Inverter
84320040	Sigenergy EC 8.0 SP - 8kW Single phase Hybrid/Off Grid Inverter
84320050	Sigenergy EC 10.0 SP - 10kW Single phase Hybrid/Off Grid Inverter
84320060	Sigenergy EC 12.0 SP - 12kW Single phase Hybrid/Off Grid Inverter

## Accessories

84320390	Sigenergy Gateway SP AU - Single Phase (max 63A)
84320240	Sigenergy SP-CT120-DH - Single Phase Power Sensor
84320370	Sigenergy Wall Mount Installation Kit - Max hold 2x Sigenergy batteries & 1x Inv unit
84320350	Sigenergy Floor Mount Installtion Kit
84320330	Sigenergy Module communication 4G IP66

## Three Phase

84320070	Sigenergy EC 5.0 TP - 5kW Three phase Hybrid/Off Grid Inverter
84320080	Sigenergy EC 10.0 TP - 10kW Three phase Hybrid/Off Grid Inverter
84320090	Sigenergy EC 15.0 TP - 15kW Three phase Hybrid/Off Grid Inverter
84320100	Sigenergy EC 20.0 TP - 20kW Three phase Hybrid/Off Grid Inverter
84320110	Sigenergy EC 25.0 TP - 25kW Three phase Hybrid/Off Grid Inverter
84320120	Sigenergy EC 30.0 TP - 29.9kW Three phase Hybrid/Off Grid Inverter

## Accessories

84320400	Sigenergy Gateway TP AU - Three Phase (max 120A)
84320250	Sigenergy TP-CT120-DH - 120A CT Three Phase Power Sensor
84320260	Sigenergy TP-CT300-DH - 300A CT Three Phase Power Sensor
84320270	Sigenergy TP-CT600-DH - 600A CT Three Phase Power Sensor
84320280	Sigenergy TPX-DH - 100A Three Phase Power Sensor
84320370	Sigenergy Wall Mount Installtion Kit - max hold 2x Sigenergy batteries & 1x Inv unit
84320350	Sigenergy Floor Mount Installtion Kit
84320330	Sigenergy Module communication 4G IP66

# SIGENERGY HV SERIES HYBRID/OFF GRID INVERTERS



High Voltage - *To use with Sigenergy HV series Hybrid/Off-Grid Inverters only*

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84320500	Sigenergy BAT 5.0 - 5kWh LiFePO4 Battery HV (Peak 2.5kW)
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84320520	Sigenergy BAT 8.0 - 8kWh LiFePO4 Battery HV (Peak 4kW)
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Sigenergy Gateway



Sigenstor



Sigenergy Power Sensor



# SMA INVERTERS - THREE PHASE GRID TIE



## High Voltage

M1120450	SMA Three Phase Grid Inverter 10kW Sunny TriPower X - STP10.0.3AV-40
M1120510	SMA Three Phase Grid Inverter 25kW Sunny TriPower - STP25-50
M1120470	SMA Three Phase Grid Inverter 50kW Sunny TriPower - Core 1 - STP50-41 (Roof Top < 3degree slope)
M1120240	SMA Three Phase Grid Inverter 110kW Sunny TriPower - Core 2 - STP110-60

## Accessories

M1120500	SMA Energy meter - EMETER-20
M1120480	SMA Data manager M - EDMM-10
M1120490	SMA Power supply for Data manager M - CLCON-PWRSUPPLY



SMA Three Phase Grid Inverter 10kW Sunny TriPower X - STP10.0.3AV-40  
M1120450



SMA Three Phase Grid Inverter 25kW Sunny TriPower - STP25-50  
M1120510



SMA Three Phase Grid Inverter 50kW Sunny TriPower - Core 1 - STP50-41 (Roof Top < 3degree slope)  
M1120470



SMA Three Phase Grid Inverter 110kW Sunny TriPower - Core 2 - STP110-60  
M1120240

# ENPHASE MICRO INVERTERS



84460100	Metered Envoy-s
84460080	100A Split Current Transformer
84460090	200A Split Current Transformer

## Single Phase

84460230	1PH 270VAC Relay Controller
84460110	2.5mm 1PH Cable Portrait 1m
84460130	2.5mm 1PH Cable Landscape 1.7m
84460150	2.5mm Cable 300m & 2 Conductor
84460260	1PH Terminator Cap Round

## Three Phase

84460240	3PH 265VAC Relay Controller
84460120	2.5mm 3PH Cable Portrait 1m
84460140	2.5mm 3PH Cable Landscape 1.7m
84460160	2.5mm 4C 3PH Cable 300m
84460250	3PH Terminator Cap Round
84460310	Filter Line Communication 3PH



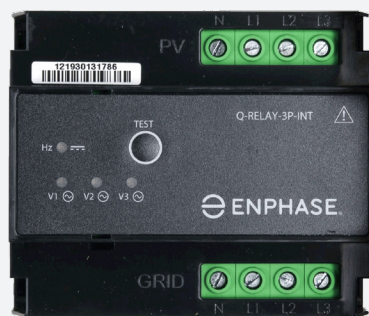
Metered Envoy-s 1PH  
84460100

## Accessories

84460190	Sealing Cap Female
84460200	Connector Wireable Female Round
84460210	Connector Wireable Male Round
84460220	Adaptor DC to MC4
84460170	Cable Clip Rail mt
84460270	35mm Clip Frame mt
84460280	40mm Clip Frame mt
84460290	Connector Clip
84460300	Cable Management Clip Rail mt
84460060	Adaptor Wi-Fi USB
84460070	Modem Mobile Connect
84460320	Solar Label Kit Micro Inverter
84460180	Termination Tool



1PH 270VAC Relay Controller  
84460230



3PH 265VAC Relay Controller  
84460240

# ROOF HARDWARE



## Rail

84530665	3600mm Clenergy ECO -Rail - Black
84530660	4400mm Clenergy ECO -Rail - Black
84530706	4700mm Clenergy ECO -Rail - Black
84530708	4700mm Clenergy ECO -Rail - Standard
84530720	MT rail - 2560mm
84530830	T50 Rail - 4200mm
84530700	T110 Rail - 5200mm
84530707	4650mm Clenergy ECO -Rail - Standard



## Joiners

84530670	ECO-Rail Clenergy Splice - Standard
84530680	ECO-Rail Clenergy Splice - Black
84530710	Splice for T110 Rail
84530730	Splice for MT rail
84530840	Splice for T50 Rail



## Roof Fittings

84530100	L-Foot Assembly Clenergy - Standard
84530110	L-Foot Assembly Clenergy - Black
84530250	Adapter (Puck) for Corrugated Iron Roof with EPDM
84530260	Adapter (Puck) for Corrugated Iron Roof with EPDM Black
84530090	Roof Hook Clenergy - Tile Interface
84530093	Roof hook 2 tile interface ER-I-02 Clenergy
84530095	Roof Hook Clenergy - 3 Tile Interface
84530160	10-15° Adjustable Tilt Leg Assembly Clenergy - Standard
84530170	15-30° Adjustable Tilt Leg Assembly Clenergy - Standard
84530180	15-30° Adjustable Tilt Leg Assembly Clenergy - Black
84530190	30-60° Adjustable Tilt Leg Assembly Clenergy- Standard
84530960	Tripod base adj 15-30deg 1350mm ER-S-TRI/S15-30
84530080	Hanger Bolt Clenergy (150mm) - Timber Purlin
84530980	Hanger Bolt Clenergy (200mm) - Timber Purlin
84530780	Hanger Bolt Clenergy (150mm) - Metal Purlin
84530746	T Rail Mounting support 240mm
84530860	Panel kit for Eco - Rail BK





# ROOF HARDWARE



## Universal Clamps

84530010	30-46mm Clenergy Universal Panel Clamp - Black
84530020	30-46mm Clenergy Universal Panel Clamp with Earth Clip - Standard
84530030	30-46mm Clenergy Universal Panel Clamp with Earth Clip - Black

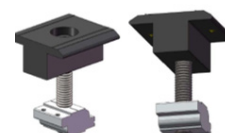


## Post Mounts

84530430	Post mount kit 3-A XL max 2.1
84530440	Post mount kit 4-A XL max 2.1

## 30mm Clamps

84530112	Inter clamp 30mm & ground pins GY ER-IC-ST30/G Clenergy
84530113	30mm Clenergy Inter Clamp - Standard
84530117	Inter clamp 30mm & ground pins BK ER-IC-ST30B/G Clenergy
84530033	30mm Clenergy End Clamp - Standard
84530035	30mm Clenergy End Clamp - Black



## 35mm Clamps

84530040	35mm Clenergy End Clamp - Standard
84530050	35mm Clenergy End Clamp - Black
84530120	35mm Clenergy Inter Clamp - Standard
84530123	Inter clamp 35mm & ground pins GY ER-IC-ST35/G Clenergy
84530125	Inter clamp 35mm & ground pins BK ER-IC-ST35B/G Clenergy



## 40mm Clamps

84530060	40mm Clenergy End Clamp - Standard
84530070	40mm Clenergy End Clamp - Black
84530140	40mm Clenergy Inter Clamp - Standard
84530150	40mm Clenergy Inter Clamp - Black



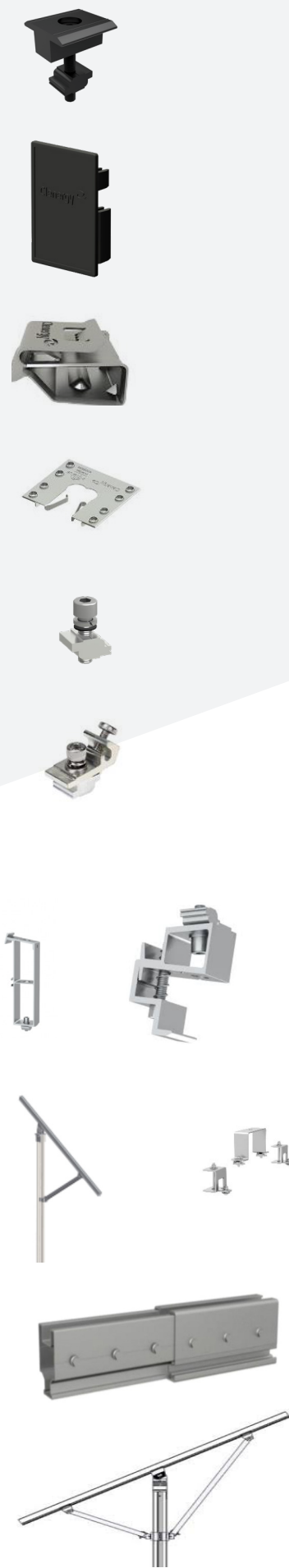
84530860	Panel kit for ECO-Rail BK
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# ROOF HARDWARE



## Accessories

84530610	ECO-Rail Clenergy End Cap - Standard
84530620	ECO-Rail Clenergy End Cap - Black
84530760	EPDM Rubber 20mt length
30731240	5-300mm Stainless Steel Cable Tie (pack of 100) - Black
84530200	Panel Clip Clenergy - holds two cables
84530220	Grounding Lug Clenergy
84530210	Grounding Clamp/Earth Clip Clenergy
84530230	Z-Module (nut & bolt) Clenergy
84530740	T rail clamp with Diamond module
84530770	Module Diamond M8 and Hex Socket
84530850	End Cap for T50 Rail
84530950	End cap for T110 rail
84530745	T Rail Clamp with Grounding Pins
84530085	Roof Hook Extender 200mm
84420060	Cable clip 90/180 2 cable SS E2-90/180CC Eclipz
84400120	S-5! R-465 Mini Clamp
84400100	S-5! S-5-S Mini 38mm snap lock Clamp
84400110	S-5! Bolt Hex M8x16 Flange Mini to use with S-5! R-465 & S-5-S Mini clamps
84530300	Leg assembly front 10deg FL-COMT/Z/G/10V2 Clenergy ComT
84530310	Leg assembly rear 10deg RL-COMT/Z/G/10V2 Clenergy ComT
84530340	Extender rear leg 15deg RL-E-COMT/G/15 Clenergy ComT
84530320	Solar skirt 130x25x1000mm EZ-SS-PV Clenergy Dfendr
84530330	Solar skirt clip EZ-SC-PV Clenergy Dfendr



## GROUND MOUNT HARDWARE

84530350	Support adj 20/25/30d & 2.8m girder ER-S-STIIA/S30 Clenergy SolarTerrace
84530360	Girder extension 200mm GE-STA/200 Clenergy SolarTerrace
84530370	Cap for girder ER-CAP-G/A Clenergy SolarTerrace
84530880	Clenergy PV-ezRack C-Post 20-30deg ER-CP-2800/A (2.8mts)
84530910	Clenergy PV-ezRack Post Head ER-PH-CP/A
84530890	Clenergy PV-ezRack Post Brace for Single Support ER-PB-CP/A
84530900	Clenergy PV-ezRack Post Brace for Double Support ER-PB-CP/D/A
84530870	Clenergy PV-ezRack Double Support with 3.2mts girder ER-S-STIIA/D30

## Inverter Mount

84530920	Clenergy PV-ezRack Joint box for Inverters - ER-UB-STII/D
84530970	Clenergy PV-ezRack C rail ER-R-C41/62/800

# CABLES & ACCESSORIES

## PV1F Solar Cable

13910950	4mm 1C Tycab
13910970	4mm 2C Tycab
13910980	6mm 2C Tycab
13910990	10mm 2C Tycab
13910960	4.0mm2 2C Tycab - 100mt roll

## 1C Battery Black Welding Cable

11940040	16mm 0.6/1kV Tycab
11940060	25mm 0.6/1kV Tycab
11940080	35mm 0.6/1kV Tycab
11940100	50mm 0.6/1kV Tycab
11940120	70mm 0.6/1kV Tycab
11940140	95mm 0.9/1kV Tycab
91530700	CABAC - SS Cable Tie Tensioner SSTTT2

## MC4 & Y Connectors

84620010	Connector MC4 EVO2 Male 4-6mm PV-KBT4-EVO2A/XY Staubli
84620020	Connector MC4 EVO2 Female 4-6mm PV-KST4-EVO2A/XY Staubli
84470110	Male & Female Pair - 4mm Genuine MC4
84380040	MM-F Male
84380060	M-FF Female
84470130	MC4 Spanner Open End
84470120	Male and Femail Pair 4mm2/6mm2- MC4-Evo-2

## MC4 Crimp Pliers

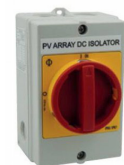
30731220	2.5-4-6mm MC4 Crimp Tool
30742100	Crimp tool for MC4 WATSC-MC2/6 Alco
30742110	Crimp tool & guide for MC4 WATSC-MC2/6-G Alco

## DC Isolator

55815785	20A Kraus And Naimer
53600300	1000V 32A PGK
53600340	1200V 32A PGK
55850500	Switch Isolator 32A IP66 4P Enclosed NHP
53600370	Switch Isolator 35A 4P DIN Rail Mounting

## Tele Relay To use with Tele Relay

61130630	Secondary grid protection Tele Relay NA003 (Requires External Contactor)
66520260	Contactors 80A AC1/50A AC3 <=440V 3P



# CABLES & ACCESSORIES

## Label Kits

30731200	Deluxe Label Kit (micro & string)
30731260	Battery Storage Label Kit
30731250	Green PV Circle Label - 70mm



## Fuses & DC Breakers

45370020	1P Din NoArk Mounted Fuse Holder
45370030	NoArk 2P Din Mounted Fuse Holder
45380020	10A Barrel Fuse
45380030	15A Barrel Fuse
45380040	20A Barrel Fuse
54030020	10A NoArk 2P 360VDC Breaker
54030030	16A NoArk 2P 360VDC Breaker
54030040	20A NoArk 2P 360VDC Breaker
54030050	25A NoArk 2P 360VDC Breaker
54030060	32A NoArk 2P 360VDC Breaker
54030070	40A NoArk 2P 360VDC Breaker
54030080	50A NoArk 2P 360VDC Breaker
54030090	63A NoArk 2P 360VDC Breaker
54170010	DC MCB 6A 2P 6kA 500VDC ZJ Beny BB1-63 2P MCB din mount
54170020	DC MCB 10A 2P 6kA 500VDC ZJ Beny BB1-63 2P MCB din mount
54170030	DC MCB 16A 2P 6kA 500VDC ZJ Beny BB1-63 2P MCB din mount
54170040	DC MCB 20A 2P 6kA 500VDC ZJ Beny BB1-63 2P MCB din mount
54170050	DC MCB 25A 2P 6kA 500VDC ZJ Beny BB1-63 2P MCB din mount
54170060	DC MCB 32A 2P 6kA 500VDC ZJ Beny BB1-63 2P MCB din mount
54170070	DC MCB 40A 2P 6kA 500VDC ZJ Beny BB1-63 2P MCB din mount
54170080	DC MCB 50A 2P 6kA 500VDC ZJ Beny BB1-63 2PMCB din mount
54170090	DC MCB 63A 2P 6kA 500VDC ZJ Beny BB1-63 2P MCB din mount
54170000	MCCB 125A 2P 15kA 500VDC ZJ Beny BDM-125
54170100	MCCB 160A 2P 15kA 500VDC ZJ Beny BDM-160
54170110	MCCB 250A 2P 15kA 500VDC ZJ Beny BDM-250





# CABLES & ACCESSORIES

## DIN Mount Enclosures

53871410	4P IP65
53871420	8P IP65
84520040	12P IP65
84520050	24P IP65
53871400	2P Indoor MCB Enclosure



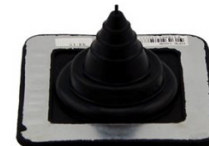
## NH Holders & Fuses

52990120	2pole NH00 160A Keto Disconnect.
52990130	2pole NH1 250A Keto Disconnect.
52990590	NH00 Din Fuse 80a
52990600	NH00 Din Fuse 100a
52990620	NH00 Din Fuse 125a
52990640	NH00 Din Fuse 160a
52990650	NH1 Din Fuse 200a
52460100	NH1 Din Fuse 250a



## Roof Entry

48210020	0-35mm Dektite Seal Flange - Black
48210040	5-55mm Dektite Seal Flange - Black
48210500	5-55mm Tiletite Tile Flashing



# EV CHARGERS

## GOODWE

54260020	Goodwe 7kW 1PH T2 EV Charger
54260030	Goodwe 11kW 3PH T2 EV Charger
54260040	Goodwe 22kW 3PH T2 EV Charger



## Sigenergy EV Chargers

54290040	Sigenergy AC - T2 WH EVAC 7 4G T2-WH - EV charger 7kW 1PH 5m Cable
54290050	Sigenergy AC - T2 WH EVAC 11 4G T2-WH - EV charger 11kW 3PH 5m cable
54290060	Sigenergy AC - T2 WH EVAC 22 4G T2-WH - EV charger 22kW 3PH 5m cable
54290020	Sigenergy DC - EVDC 12 7.5S2 - EV charger 12kW 7.5m cable
54290030	Sigenergy DC - EVDC 25 7.5S2 - EV charger 25kW 7.5m cable



# EV CHARGERS

## Myenergi EV chargers

54270100	Myenergi Zappi V2.1 hub BK 2H07TB - EV charger 7kW T2 tethered
54270110	Myenergi Zappi V2.1 hub WH 2H07TW - EV charger 7kW T2 tethered
54270140	Myenergi Zappi V2.1 hub BK 2H07UB - EV charger 7kW T2 untethered
54270150	Myenergi Zappi V2.1 hub WH 2H07UW - EV charger 7kW T2 untethered
54270120	Myenergi Zappi V2.1 hub BK 2H22TB - EV charger 22kW T2 tethered
54270130	Myenergi Zappi V2.1 hub WH 2H22TW - EV charger 22kW T2 tethered
54270160	Myenergi Zappi V2.1 & hub BK 2H22UB - EV charger 22kW T2 untethered
54270170	Myenergi Zappi V2.1 & hub WH 2H22UW - EV charger 22kW T2 untethered



# SOLAR POWER DIVERTER

## Myenergi Solar power Diverter

54270060	Myenergi Eddi 2.1 (16A1P02H) WIFI - Solar power Diverter
54270020	Myenergi Harvi -65A3P Energy Harvesting Sensor
54270040	Myenergi CT100-16-05 clamp 100A 5m lead



# Ready to go kits

## KIT 1

### 3kW Grid Tied Kit

84330170	440W Trina Solar Panel Black NEG9R.25 Vertex S+ 1762x1134x30mm	8
55850500	32A 4P IP66 DC isolator	1
84560590	3kW GoodWe XS+ series - 1P 1xMPPT GW3000-XS-11	1
84530680	Clenergy ECO-Rail Splice 200mm - Black	2
84530035	Clenergy 30mm End-Clamp - Black	8
84530620	Clenergy Rail End Cap - Black	8
84530220	Clenergy Grounding Lug	4
84530200	Clenergy PV Panel Cable Clips	32
84530110	Clenergy Tin Roof Interface - Black	20
48210020	Dektite Seal flange 0-35mm Black	1
30731200	Deluxe Label Kit	1
30731240	Stainless Steel Cable Ties (x100)	1
84470120	MC4-Evo2 Connectors	2
84560080	Home Kit Smart Meter & Comm Mod - *Optional	1
84530706	4700mm Clenergy ECO -Rail - Black	4
84530030	Clamp universal 30-46mm G BK C-U/30/46-G/BA Clenergy	14

- Kit can be configured in 1 or 2 rows in portrait
- More panels can be added to this inverter
- Ask your rep for alternative configurations
- This kit is suitable for a standard metal roof

*\*Provides more comprehensive monitoring including load monitoring*



# Ready to go kits

## KIT 2

5kW Grid Tied Kit - Based on 2 row of 7 panels

84610020	440W Suntech Solar panel Bifacial Black TOP-CON Nshtb+ 1722x1134x30mm	14
55850500	32A 4P IP66 DC isolator	1
84560310	GoodWe 5kW - Single Phase 2 MPPT Solar Inverter	1
84530680	Clenergy ECO-Rail Splice 200mm - Black	4
84530035	Clenergy 30mm End-Clamp - Black	8
84530620	Clenergy Rail End Cap - Black	8
84530220	Clenergy Grounding Lug	4
84530200	Clenergy PV Panel Cable Clips	56
84530110	Clenergy Tin Roof Interface - Black	32
48210020	Dektite Seal flange 0-35mm Black	1
30731200	Deluxe Label Kit	1
30731240	Stainless Steel Cable Ties (x100)	1
84470120	MC4-Evo2 Connectors	2
84560080	Home Kit Smart Meter & Comm Mod - *Optional	1
84530706	4700mm Clenergy ECO -Rail - Black	8
84530030	Clamp universal 30-46mm G BK C-U/30/46-G/BA Clenergy	26

- Kit can be configured in 1 or 2 rows in portrait
- More panels can be added to this inverter
- Ask your rep for alternative configurations
- This kit is suitable for a standard metal roof

*\*Provides more comprehensive monitoring including load monitoring*



# Ready to go kits

## KIT 3

5kW Hybrid Kit - Battery Ready - Based on 2 row of 7 panels

84610020	440W Suntech Solar panel Bifacial Black TOPCON Nshtb+ 1722x1134x30mm	14
55850500	32A 4P IP66 DC isolator	1
84530680	Clenergy ECO-Rail Splice 200mm - Black	4
84530035	Clenergy 30mm End-Clamp - Black	8
84530620	Clenergy Rail End Cap - Black	8
84530220	Clenergy Grounding Lug	4
84530200	Clenergy PV Panel Cable Clips	56
84530110	Clenergy Tin Roof Interface - Black	32
48210020	Dektite Seal flange 0-35mm Black	1
30731200	Deluxe Label Kit	1
30731240	Stainless Steel Cable Ties (x100)	1
84470120	MC4-Evo2 Connectors	2
84560410	5kW hybrid 1PH-GoodWe EH Plus+ 2xMPPT GW5000N-EH	1
84530706	4700mm Clenergy ECO -Rail - Black	8
84530030	Clamp universal 30-46mm G BK C-U/30/46-G/BA Clenergy	26

- Kit can be configured in 1 or 2 rows in portrait
- More panels can be added to this inverter
- Ask your rep for alternative configurations
- This kit is suitable for a standard metal roof





# Ready to go kits

## KIT 4

5kW HV Hybrid Kit with 8.28kWh Battery - Based on 2 row of 7 panels

84610020	440W Suntech Solar panel Bifacial Black TOP-CON Nshtb+ 1722x1134x30mm	14
55850500	32A 4P IP66 DC isolator	1
84530680	Clenergy ECO-Rail Splice 200mm - Black	4
84530035	Clenergy 30mm End-Clamp - Black	8
84530620	Clenergy Rail End Cap - Black	8
84530220	Clenergy Grounding Lug	4
84530200	Clenergy PV Panel Cable Clips	56
84530110	Clenergy Tin Roof Interface - Black	32
48210020	Dektite Seal flange 0-35mm Black	1
30731200	Deluxe Label Kit	1
30731240	Stainless Steel Cable Ties (x100)	1
84470120	MC4-Evo2 Connectors	2
30731260	Storage Label Kit	1
84570030	BYD BCU & Base	1
84570020	BYD 2.76kWh battery	3
84560410	5kW hybrid 1PH-GoodWe EH Plus+ 2xMPPT GW5000N-EH	1
84530706	4700mm Clenergy ECO -Rail - Black	8
84530030	Clamp universal 30-46mm G BK C-U/30/46-G/BA Clenergy	26

- Kit can be configured in 1 or 2 rows in portrait
- More panels can be added to this inverter
- Kit is for 1 x Sigenergy 8kWh (4kW peak) battery, more battery modules can be added to this system.
- Ask your rep for alternative configurations
- This kit is suitable for a standard metal roof



# Ready to go kits

## KIT 5

5kW HV Hybrid Kit with 8kWh Battery - Based on 2 row of 7 panels

84610020	440W Suntech Solar panel Bifacial Black TOPCON Nshtb+ 1722x1134x30mm	14
55850500	32A 4P IP66 DC isolator	1
84530680	Clenergy ECO-Rail Splice 200mm - Black	4
84530035	Clenergy 30mm End-Clamp - Black	8
84530620	Clenergy Rail End Cap - Black	8
84530220	Clenergy Grounding Lug	4
84530200	Clenergy PV Panel Cable Clips	56
84530110	Clenergy Tin Roof Interface - Black	32
48210020	Dektite Seal flange 0-35mm Black	1
30731200	Deluxe Label Kit	1
30731240	Stainless Steel Cable Ties (x100)	1
84470120	MC4-Evo2 Connectors	2
30731260	Storage Label Kit	1
84320390	Sigenergy Gateway SP AU - Single Phase (max 63A)	1
84320520	Sigenergy BAT 8.0 - 8kWh LiFePO4 Battery HV (Peak 4kW)	1
84320020	Sigenergy EC 5.0 SP - 5kW Single phase Hybrid/Off Grid Inverter	1
84320370	Sigenergy Wall Mount Installtion Kit	1
84530706	4700mm Clenergy ECO -Rail - Black	8
84530030	Clamp universal 30-46mm G BK C-U/30/46-G/BA Clenergy	26

- Kit can be configured in 1 or 2 rows in portrait
- More panels can be added to this inverter
- Kit is for 1x 8kWh (4kWp) battery, more batteries can be added to this system
- Ask your rep for alternative configurations
- This kit is suitable for a standard metal roof



# GET IN TOUCH

If you would like to know more about any of the listed products simply click on the product code and it will direct you to the product on the J. A. Russell Ltd website (users must be logged in), or contact one of our specialised renewable energy representatives.

With 79 branches nationwide we are where you need us.

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