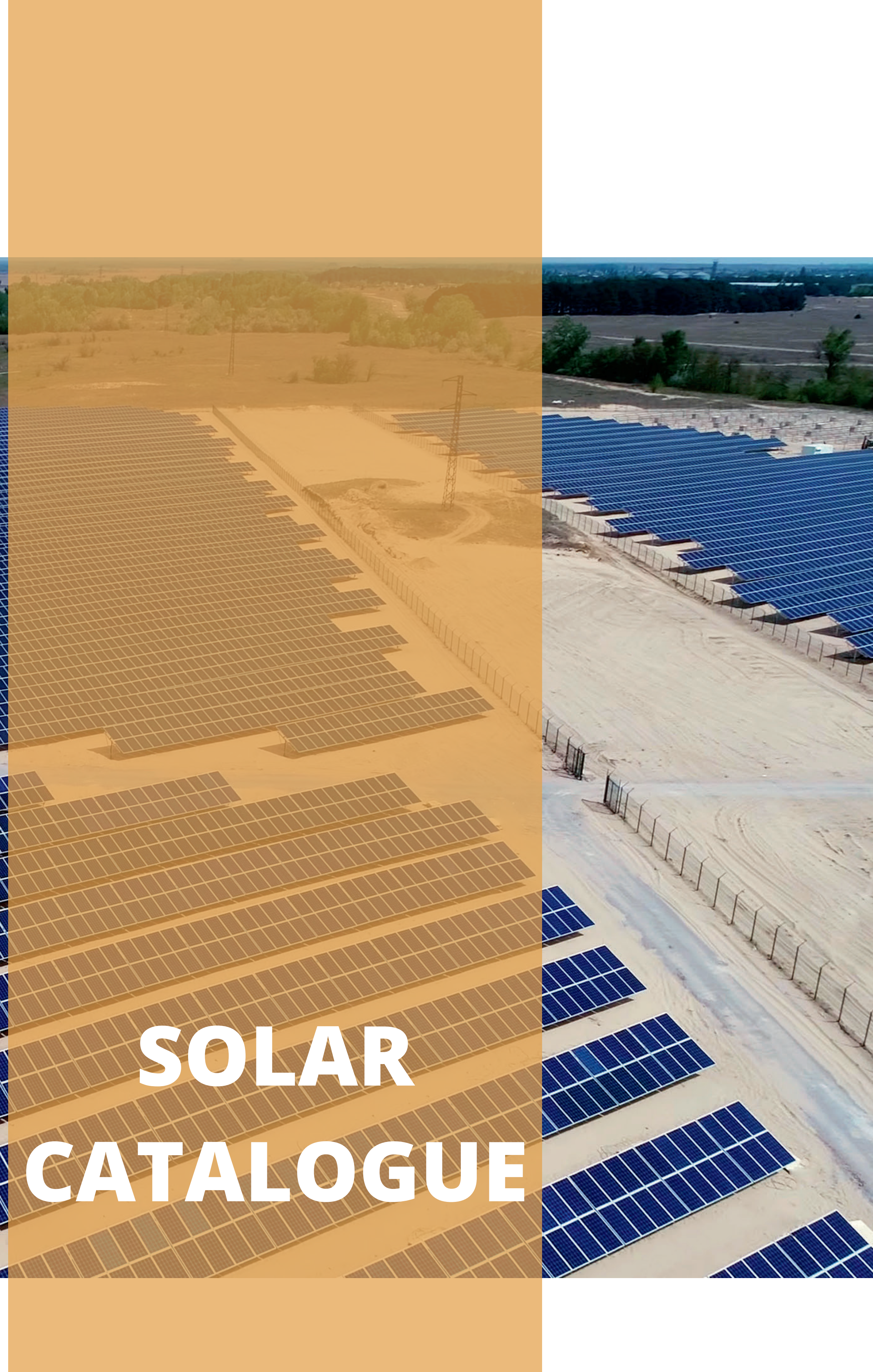




JOG
International Ltd.

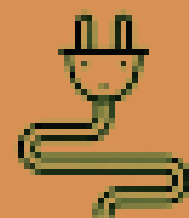


**SOLAR
CATALOGUE**

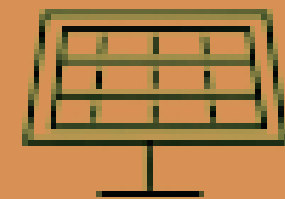
DESIGN, MANUFACTURE & SUPPLY OF SOLAR ENERGY SOLUTIONS GLOBALLY



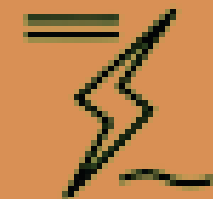
ENQUIRE



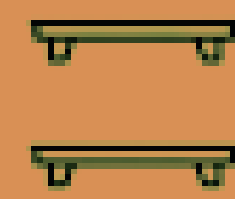
INTEGRATED
PV SYSTEMS



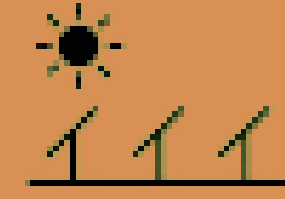
PANELS



INVERTERS



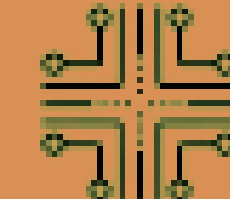
STRUCTURES



SOLAR TRACKER



ENERGY
STORAGE



BALANCE
OF SYSTEM

STRATEGIC PARTNERS



Amerisolar



LONGI



SERAPHIM®



HUGE SOLAR

Trina solar

GSUNpower
WWW.GSUNP.COM

TWINSEL

Videsolar

Jinko Solar

CETC

Schutt solar



BLUESUN SOLAR

powering tomorrow
Growatt



ATESS

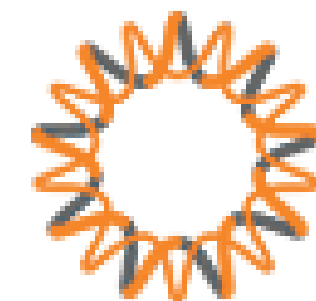


BLUESUN^{ESS}



Afore

SAKO



solis



ANTAI



ARCTECH



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WHO WE ARE.

JOG International Limited founded in 2004, located in Unit 2301, Bayfield Building, 99 Hennessy Rd, Wanchai, Hong Kong, is a professional engaged in the sale and service of product sourcing and supply chain services.

We have built very strong Chinese relationships and a reliable supplier base. Our loyal customers are able to leverage all our experience, connections, and know-how in China to save time and money on getting the products they need to be delivered anywhere in the world.

We have excellent partners who focus on product development and design, quality control and inspection, and company running. In order to supply satisfactory products and services, we built a modern quality management system that is in strict accordance with international standards. Taking integrity, quality, and professionalism as the corporate purpose, we are making great efforts to dedicate and provide high-performance products at a competitive cost.

As a market leader in supply chain solutions since 2004, we are not just supplying cities and provinces around China. Our products are also exported to clients in six different continents to complete a large number of commercial and industrial services.

With almost 20 years of experience, JOG International Limited is a well-known brand for solar energy solutions. Because of our technical expertise, high-quality products, and excellent service we have established firm business relationships with manufacturers. We are extremely delighted that via tight collaboration, we are bringing renewable energy to every corner of the globe.

We are a one-stop shop for all your solar energy supplies. JOG International Limited integrates and distributes products from our strategic manufacturer partners. We provide the full range of solar PV components, including inverters, modules, energy storage, mounting systems, and complete balance-of-system solutions, to ensure the best coverage for all of our projects.

Why Choose JOG International?

- Access 50+ solar suppliers with 1 partner.
- Quality products direct at factory prices.
- Save time & money dealing with experienced professionals
- 24/7 support on your supply chains
- Mix containers of solar products with no headaches
- Dedicated on the ground team looking after your interests.
- Secure payment methods.
- General sourcing division also available for your needs.
- Software portals allowing clients track their orders on the go.
- Weekly order & project meetings via whatsapp or zoom.



Project Tracking Software

Item	Payment	Branding	Production	Inspection 1	Shipping Boo...
Solar Panel 275W Poly	Deposit Recel...	SOLARPAWA	Done	Planned	Booked
Solar Panel 350W Mono	Deposit Recel...	SOLARPAWA	Done	Planned	
MC4 Connector	Deposit Recel...	None	In Progress	Planned	
Solar Panel 180W Poly	Deposit Recel...	SOLARPAWA	In Progress	Planned	
Solar Panel 70W Poly	Deposit Recel...	SOLARPAWA	In Progress	Planned	
Solar Panel 40W Poly	Deposit Recel...	SOLARPAWA	In Progress	Planned	
Solar Panel 85W Poly	Deposit Recel...	SOLARPAWA	In Progress	Planned	
Solar Panel 540W Bi-Facial	Deposit Recel...	Bluesun	Done	Planned	Booked
MC4 Connectors Male-Female	Deposit Recel...	None	Done	Planned	
3 Way Panel Splitter	Deposit Recel...	None	Done	Planned	
MC4 Connector with 2MTR Cable	Deposit Recel...	None	Done	Planned	
MC4 Connector with 1MTR Cable	Deposit Recel...	None	Done	Planned	

Easily track your payment and order real time. All of these are free and accessible when you are our client.





Item	Sailing Date	Shipping Agent	Vessel	ETA PNG	Payment
15300 AC					Deposit Recel...
16076 (MC4 POM)	7 Jul	SWIRES	SUVA CHIEF 2216S	29 Jul	Balance Due
16078 (MC4 LAE)	7 Jul	SWIRES	SUVA CHIEF 2216S	24 Jul	Balance Due
16219	30 Aug	MARIANA	NADI CHIEF V.2220S	23 Sep	Deposit Recel...
16400	13 Sep	CARPENTERS	LAUTOKA CHIEF 2221S	2 Oct	Deposit Recel...
16399	13 Aug	CARPENTERS	LAUTOKA CHIEF 2221S	7 Oct	Deposit Recel...
16621	17 Aug	SWIRES	SUVA CHIEF 2219S	9 Sep	
16617					
TBC 550W Twins...	1 Sep	Seaway			
Signed Agreement					

Get real-time updates on the status of your order, from the sailing date to the shipping agent and vessel, to the estimated arrival date. We make every effort to be completely transparent at all times.

Item	Shipping	Ship to	Customs Docs	File	Progress
Solar Panels & Mou...	ed	Port Moresby, Papu...	CI & PL Uploaded	📄 📄 📄 +2	68%
340W Mono	ed		B/L Telex Done	📄 📄 📄 +8	58%
275W Poly	ed			📄	58%
80W Poly	ed				58%
60W Poly	ed				58%
Rail 4200mm	ed				58%
L Feet	ed				58%
Mid Clamp	ed				58%
End Clamp	ed				58%
Grounding Clip	ed				58%
Grounding Lug	ed				58%

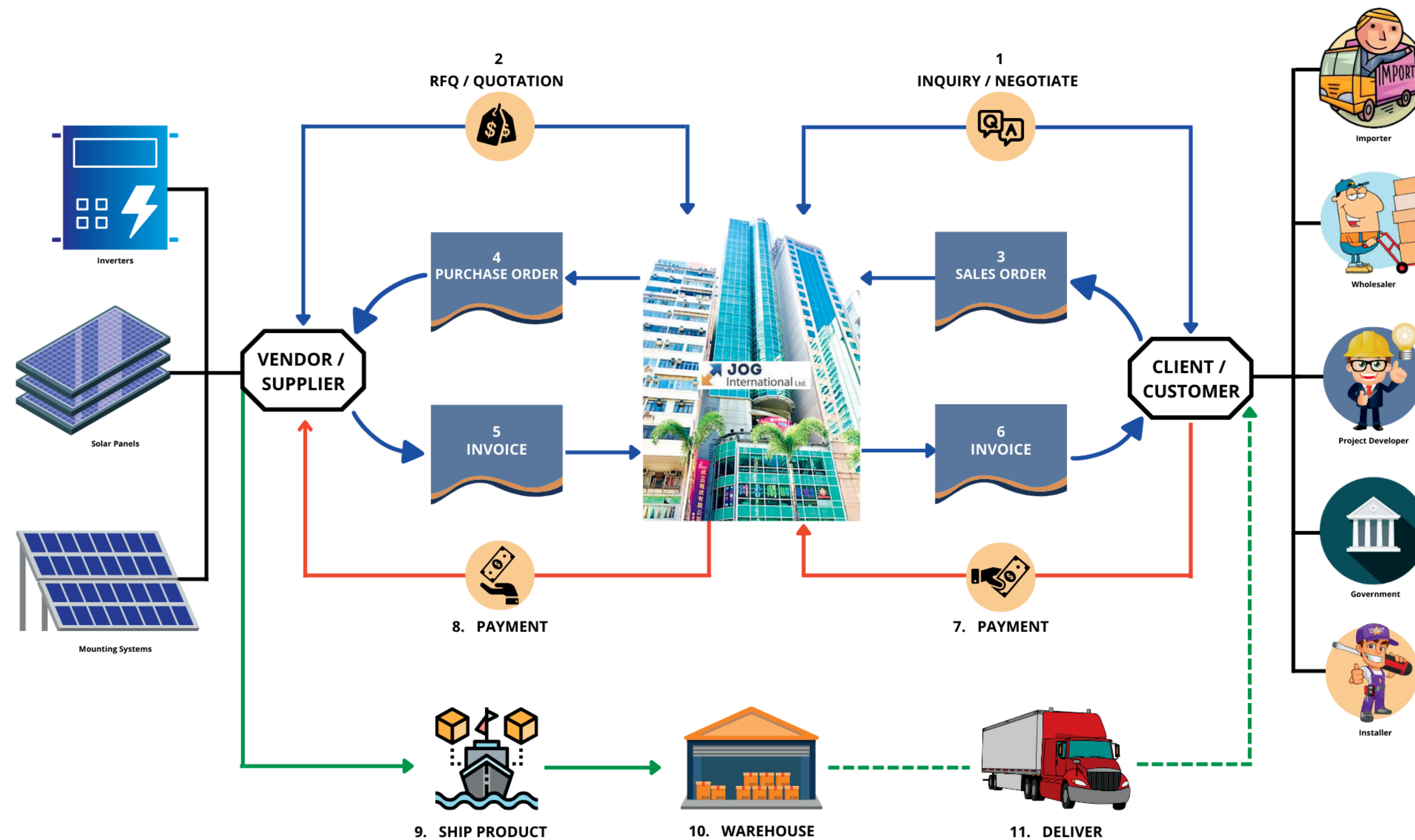
We make certain that your order is in place. The overall progress can be seen, and important documents are attached.

One-Stop Solar Energy Shop

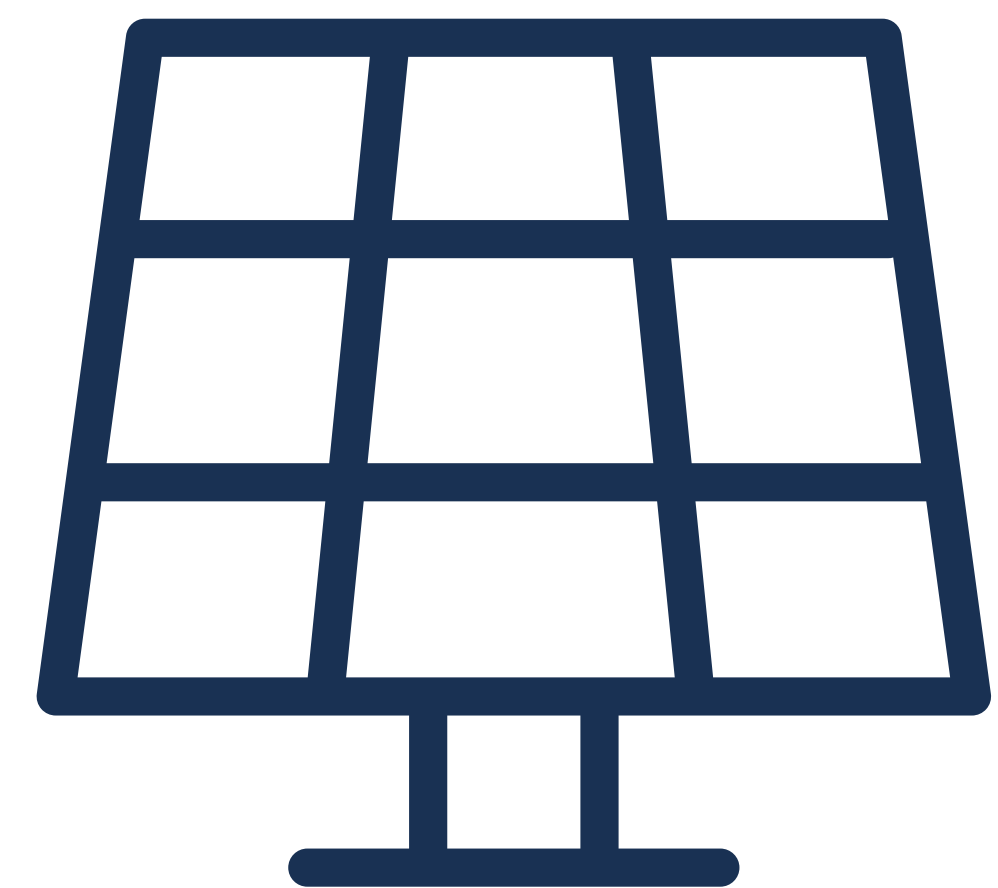
-  We supply monocrystalline and polycrystalline PV modules and power ranges widely from 70w-700w.
-  We provide premium on-grid, off-grid and hybrid inverter solutions
-  We provide the best fixed and tracker mounting systems
-  We offer a wide range of solar energy accessories at great pricing and quality



GLOBAL TRADE SUPPORT

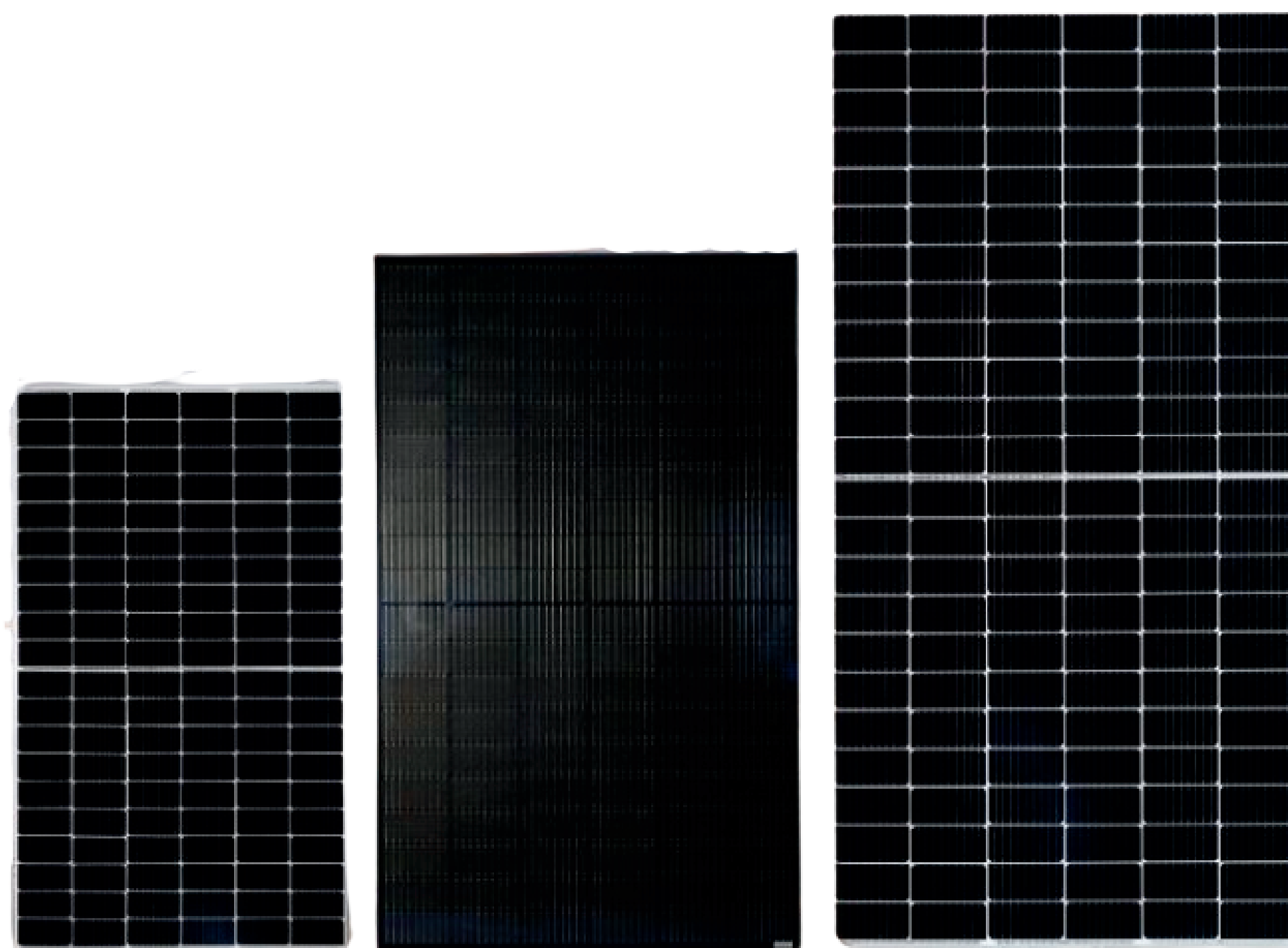


PANELS



ECONOMY

PV Module



		Maximum Power	# of cells	Size/Weight
HALF CELL	TD120HC	320-340 W	120 cells	1684x1002x30 mm / 18.0kg
HALF CELL	TD144HC	390-410 W	144 cells	2008x1002x35 mm / 22.0kg
HALF CELL	TD120HC	360-375 W	120 cells	1755x1038x30 mm / 18.5kg
HALF CELL	TD144HC	430-450 W	144 cells	2094x1038x35 mm / 25.0kg
HALF CELL	TD108HC	390-410 W	108 cells	1724x1134x30 mm / 21.0kg
HALF CELL	TD144HC	530-550 W	144 cells	2279x1134x35 mm / 26.5kg
HALF CELL	TD110HC	535-555 W	110 cells	2384x1096x35 mm / 27.6kg
HALF CELL	TD120HC	585-605 W	120 cells	2172x1303x35 mm / 30.0kg
HALF CELL	TD132HC	640-660 W	132 cells	2384x1303x35 mm / 33.5kg

Founded in 2011, Tidesolar is a comprehensive solar energy provider and manufacturer. They cover solar panels, project investment, and new energy system solution.



Mismatch loss reduction for maximum efficiency



Reduced power loss by minimizing the effect of shadow shading



Competitive low light performance



BOS's reduced and increased ROI is ideal for commercial and industrial scale projects



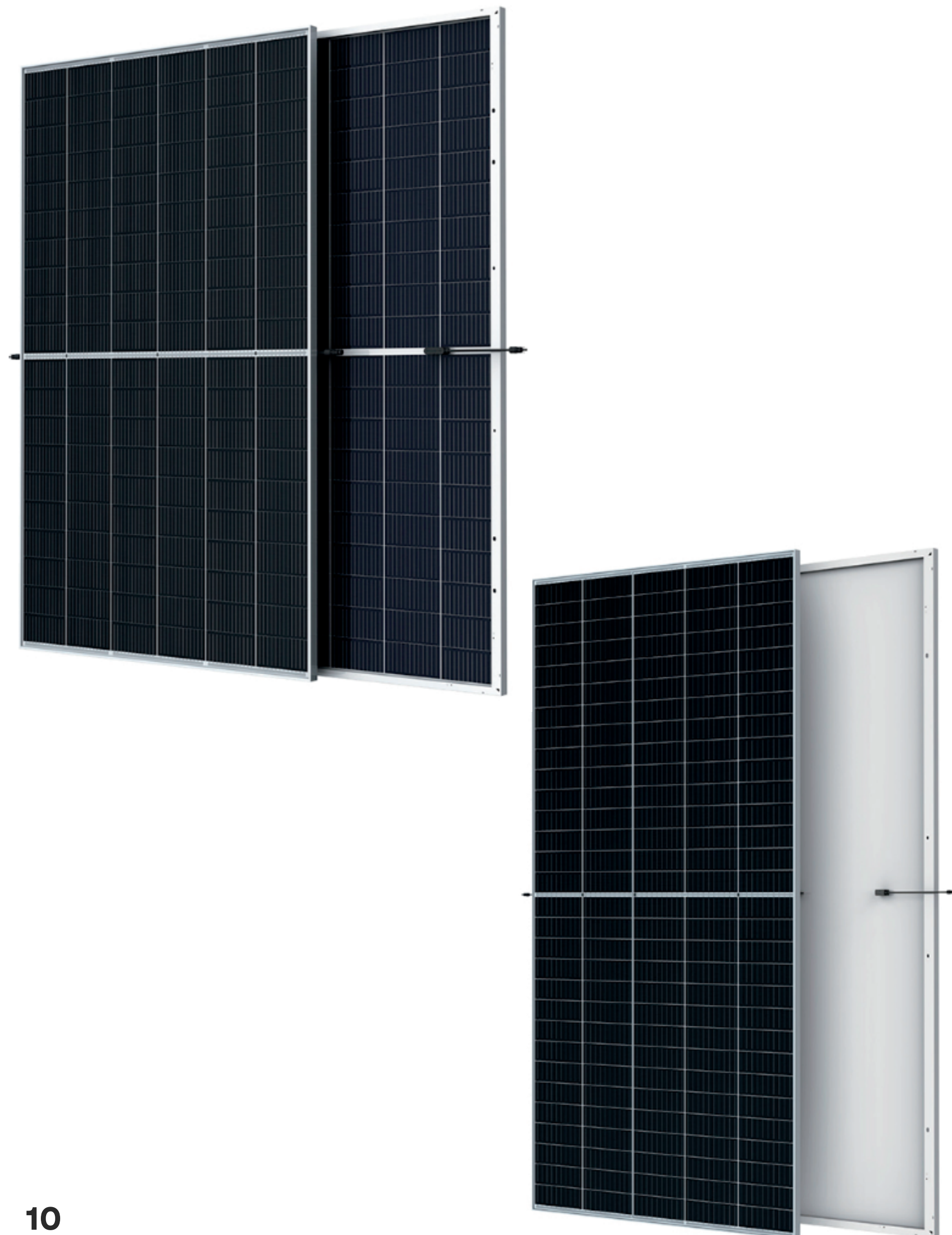
Two EL tests to ensure the best quality



Proven reliability through PVEL's rigorous weatherproofing tests:
 · Dust, acid and alkali-resistance, hail test
 · 2400pa wind pressure and 5400pa snow pressure
 · Anti PID

ECONOMY

PV Module



		Maximum Power	# of cells	Size/Weight
HALF CELL	HS-M672HC	435-455 W	144 cells	2094x1038x35mm / 19.0kg
HALF CELL	HS-M660HC	340-355 W	120 cells	1765x1038x35mm / 20.0kg
HALF CELL	HS-M1060HC	440-455 W	120 cells	1908x1133x35mm / 23.8kg
HALF CELL	HS-M1072HC	530-545 W	144 cells	2278x1133x35mm / 28kg
HALF CELL	HS-M12120HC	590-605 W	120 cells	2172x1303x35mm / 30.9kg
HALF CELL	HS-M12132HC	650-665 W	132 cells	2384x1303x35mm / 35.5kg
HALF CELL	HS-M12150HC	490-505 W	150 cells	2176x1096x35mm / 26.5kg
HALF CELL	HS-G172HC	400-415 W	144 cells	2008x1002x35mm / 22.4kg
HALF CELL	HS-G160HC	330-345 W	120 cells	1684x1002x35mm / 19.0kg

Qidong Shenya, founded in 2021, is dedicated to the development of green and clean energy, focusing primarily on solar photovoltaic cells and their application fields in order to establish a complete solar photovoltaic industry chain. Their primary business is the design, development, procurement, installation, and commissioning of solar power system equipment, as well as the construction and operation of solar power system engineering projects.

Their unique historical background has given them the mission to develop the green energy industry. They aim to achieve carbon peaking in 2030 and carbon neutrality in 2060, as well as to build a human destiny community and win the difficult battle of low-carbon transformation.

ECONOMY

PV MODULE



Schutten Solar is a global leader in solar module manufacturing and a full-service provider of solar solutions. They specialize in high-efficiency solar module research, manufacturing, and distribution to the global market, and they have advanced module production capacity both in China and abroad. Schutten has been based in Chuzhou, Anhui Province, China, since 2013. They have shipped over 10GW of solar modules to over 100 countries and developed and built 500MW solar projects all over the world.

		Maximum Power	# of cells	Size/Weight
FANTASTIC 166 MONO SERIES	STM-120-S2	365-390 W	120 cells	1756x1039x35mm / 20.5kg
	STM-144-S2	440-465 W	144 cells	2102x1040x35mm / 23.0kg
ELEGANT 182 MONO SERIES	STM-120-S3	435-455 W	120 cells	1909x1134x35mm / 24.0kg
	STM-144-S3	525-550 W	144 cells	2279x1134x35mm / 28.6kg
AMAZING 210 MONO SERIES	STM-120-S4	580-610 W	120 cells	2172x1303x35mm / 30.9kg
	STM-132-S4	645-675 W	132 cells	2384x1303x35mm / 35.7kg
MINI MONO PANEL	STM-180	180-195 W	36 cells	1500x680x30mm / 12.0kg
MINI POLY PANEL	STP-150	150-170 W	36 cells	1480x670x30mm / 10.5kg
CLASSIC 5BB POLY SERIES	STP6-270	270-295 W	60 cells	1640x992x30mm / 17.0kg
	STP6-330	330-355 W	72 cells	1956x992x35mm / 20.5kg

ECONOMY

PV Module



CETC Solar Energy Holdings Co., Ltd. is a government-owned diversified technology company providing innovative solar energy manufacturing equipment, solar cells & modules, and solar power solutions, all based upon a common technology platform. China Electronics Technology Group Corporation (CETC) is the parent company of CETC Solar Energy Holdings Co., Ltd., and it proudly made the Fortune Global 500 list for five years in a row.

		Maximum Power	# of cells	Size/Weight
5BB Mono Panel	CETC315	315-325 W	60 cells	1665x1002x35mm / 18.5kg
9BB Mono Panel	CETC330	330-340 W	120 cells	1689x996x35mm / 18.7kg
9BB Mono Panel	CETC355	440-460 W	120 cells	1765x1048x35mm / 19.8kg
5BB Mono Panel	CETC380	380-390 W	72 cells	1979x1002x35mm / 22kg
9BB Mono Panel	CETC390	390-410 W	144 cells	2015x996x35mm / 22.7kg
Right Angled Mono	CETC400	400-410 W	72 cells	1979x1002x35mm / 22kg
9BB Mono Panel	CETC440	440-460 W	144 cells	2094x1038x35mm / 24.5kg
MBB Half Cell Mono	CETC480	480-505 W	132 cells	2094x1134x35mm / 26.3kg
MBB Half Cell Mono	CETC525	525-550 W	144 cells	2279x1134x35mm / 28.6kg
MBB Half Cell Mono	CETC585	585-605 W	120 cells	2172x1303x35mm / 30.9kg
MBB Half Cell Mono	CETC650	650-670 W	132 cells	2384x1303x35mm / 33.9kg
5BB Poly Panel	CETC270	270-280 W	60 cells	1665x1002x35mm / 18.5kg
5BB Poly Panel	CETC330	330-335 W	72 cells	1979x1002x35mm / 22kg

STANDARD

PV Module



Since 2004 JOG have built the strongest possible manufacturing relationships in China. Through sincerity, consistency & good faith they maintain this reliable relationship base. The growth and maintenance of these strong ties ensure quality & best pricing for their loyal clients around the world who enjoy the benefits of our 19 years experience. They specialize in the design, manufacture and supply of solar products direct from China.

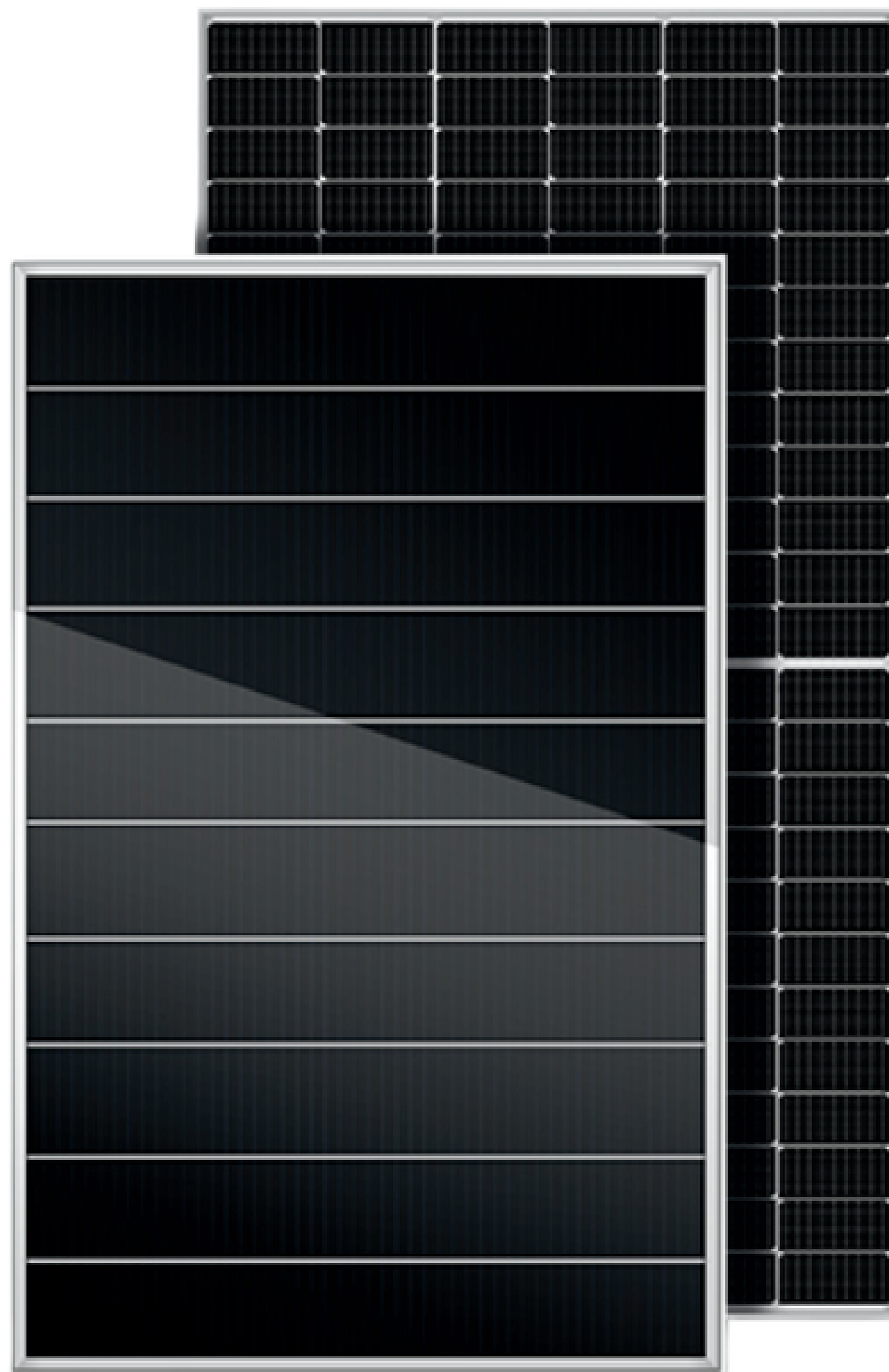
		Maximum Power	# of cells	Size/Weight
Half Cell Mono	JIL435	315-325 W	120 cells	1908x1134x35mm / 24.0kg
Half Cell Mono	JIL440	440-460 W	144 cells	2094x1038x35mm / 24.3kg
Half Cell Mono	JIL530	530-550 W	144 cells	2279x1134x35mm / 29.4kg
Mono Bifacial	JILB530	530-550 W	144 cells	2279x1134x35mm / 29.4kg
Half Cell Mono	JILM10	535-555 W	144 cells	2279x1134x35mm / 28.5kg
Half Cell Mono	JIL144MH	555-580 W	144 cells	2278*1134*30mm / 31.8kg

STANDARD

PV Module



Bluesun Solar Group is an international high-tech and growing group company, specializing in R&D, which manufactures solar cells, modules, and solar power systems.



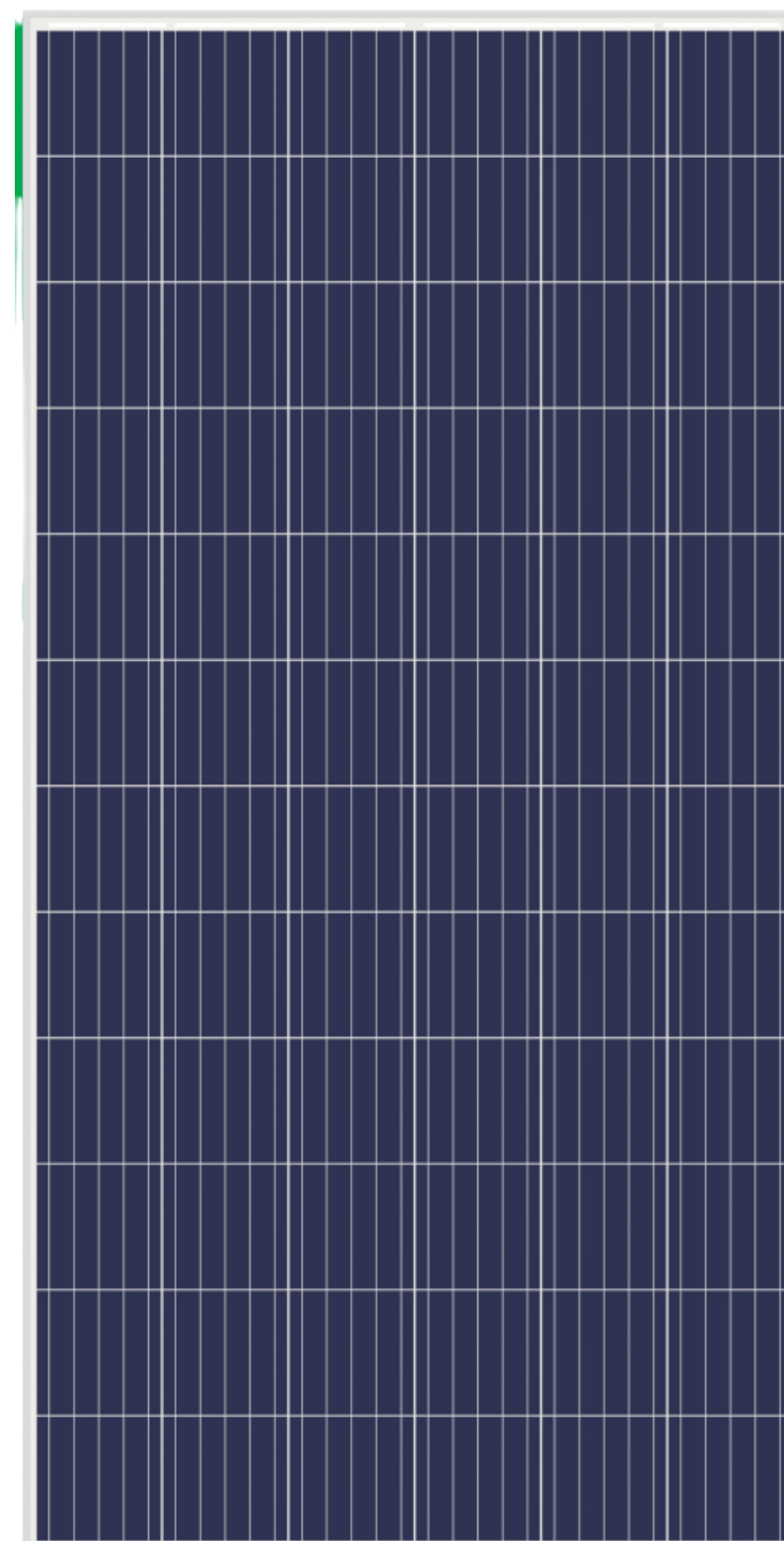
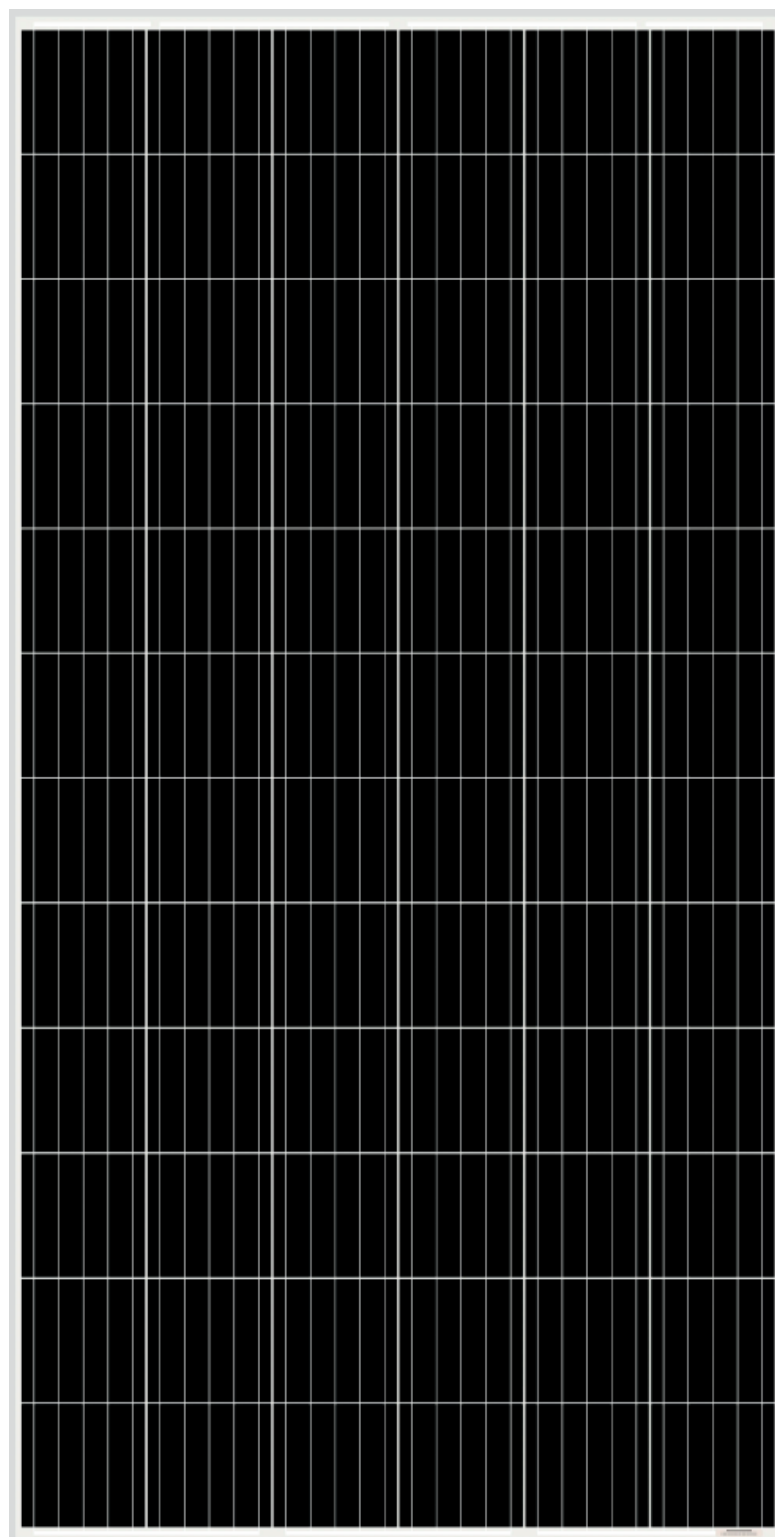
		Maximum Power	Solar cells	Size/Weight
SHINGLED PERC	BSM500PM5-72SB	500 W	166mmx166mm	2056x1140x35mm / 25.0kg
BLACK MONO PERC	BSM415M10-54HPH	400-420 W	182mmx91mm	1724x1134x35 mm / 22.0kg
MONO PERC	BSM455M-72HPH	435-455 W	166mmx166mm	2094x1046x35 mm / 25.5kg
BLACK FRAME	BSM375M-60HPH	355-375 W	166mmx166mm	1775x1038x35 mm / 21.0kg
BLACK MONO PERC	BSM550M10-72HPH	525-550 W	182mmx182mm	2279x1134x35 mm / 28.6kg
BLACK FRAME	BSM375M-60HPH	355-375 W	166mmx166mm	1775x1038x35 mm / 21.0kg
MONO PERC	BSM455M-72HPH	435-455 W	166mmx166mm	2094x1046x35 mm / 25.5kg
SHINGLED PERC	BSM500PM5-72SB	500 W	166mmx166mm	2056x1140x35 mm / 25.0kg
HALF CUT MONO PERC	BSM370M-60HPH	355-370 W	166mmx166mm	1755x1038x35 mm / 21.0kg
BI FACIAL MONO PERC	BSM380M-60HBD	360-380 W	166mmx166mm	1755x1038x30 mm / 23.5kg
HALF CUT MONO PERC	BSM455M-72HPH	435-455 W	166mmx166mm	2094x1038x35 mm / 25.5kg
BI FACIAL MONO PERC	BSM460M-72HBD	440-460 W	166mmx166mm	2094x1038x30 mm / 28.0kg
BI FACIAL DUAL GLASS	BSM550M10-72HBD	530-550 W	182mmx182mm	2285x1134x35 mm / 32.2kg
ALL BLACK HALF CUT MONO PERC	BSM370M-60HPH	355-370 W	166mmx166mm	1755x1038x35 mm / 21.0kg

STANDARD

PV Module



Amerisolar, Worldwide Energy and Manufacturing Group, is a professional solar PV module manufacturer and a renewable energy supply platform with 30-year experience in production and quality control since 1993. Amerisolar Group companies are also providers of PV technical services for solar power plant (on-grid and off-grid), including technical design, installation and maintenance, for customers all over the world.



		Maximum Power	# of cells	Size/Weight
Half Cell	AS-6M144-HC	430-450 W	144 cells	2108x1048x40mm / 24kg
Half Cell	AS-7M156-HC	570-600 W	156 cells	2466x1134x40mm / 31kg
Half Cell	AS-7M144-HC	525-550 W	144 cells	2279x1134x35mm / 29kg
Half Cell	AS-7M132-HC	475-500 W	132 cells	2098x1134x35mm / 26.5kg
Half Cell	AS-7M120-HC	435-455 W	120 cells	1912x1134x35mm / 24kg
Half Cell	AS-7M110-HC	400-420 W	110 cells	2098x960x35mm / 22.5kg
Half Cell	AS-7M108-HC	390-410 W	108 cells	1730x1134x35mm / 21.5kg
Half Cell	AS-7M100-HC	360-380 W	100 cells	1912x960x35mm / 20.5kg
Half Cell	AS-7M96-HC	350-365 W	96 cells	1550x1134x35mm / 19kg

STANDARD

Off-grid components Polycrystalline



GSun Power is a high-tech enterprise, that focus on producing Poly & mono Solar Cells, and off-grid solar panels and offering system parts related to all kinds of solar systems. Along with the highly efficient production, they also provide optimized material component service for solar panel factories both in China and overseas.



	Maximum Power	Cell Efficiency	Size/Weight
P5-36-40	40 W	18.5%	540x510x25x25 mm / 2.6kg
P5-36-55	55 W	18.5%	700x510x25x25 mm / 4.4kg
P5-36-65	65 W	18.1%	820x510x25x25 mm / 5.2kg
P5-36-70	70 W	19.3%	820x510x25x25 mm / 5.2kg
P5-36-80	80 W	18.1%	780x670x25x25 mm / 5.8kg
P5-36-85	85 W	19.2%	780x670x25x25 mm / 5.8kg
P5-36-100	100 W	18.6%	920x670x28x25 mm / 6.8kg
P5-36-105	105 W	19.3%	920x670x28x25 mm / 6.8kg
P5-36-110	110 W	18.5%	1020x670x28x25 mm / 7.7kg
P5-36-115	115 W	19.3%	1020x670x28x25 mm / 7.7kg
P5-36-120	120 W	17.9%	1120x670x28x25 mm / 8.3kg
P5-36-125	125 W	18.9%	1120x670x28x25 mm / 8.3kg
P5-36-130	130 W	19.3%	1120x670x28x25 mm / 8.3kg
P5-36-165	165 W	18.5%	1470x670x28x25 mm / 11.2kg
P5-36-170	170 W	19.1%	1470x670x28x25 mm / 11.2kg

STANDARD

Off-grid components Monocrystalline

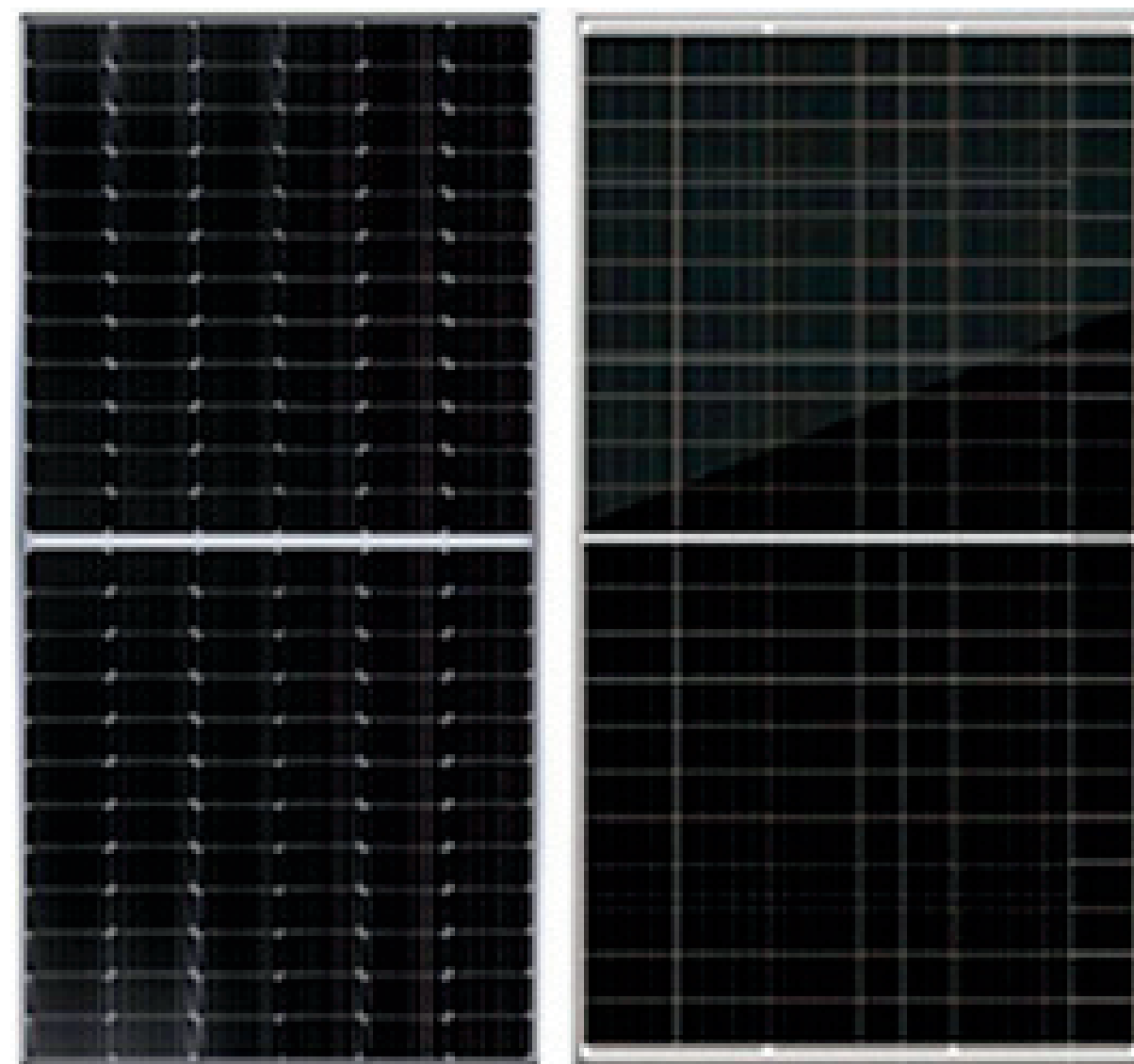


GSun Power is a high-tech enterprise, that focus on producing Poly & mono Solar Cells, and off-grid solar panels and offering system parts related to all kinds of solar systems. Along with the highly efficient production, they also provide optimized material component service for solar panel factories both in China and overseas.

	Maximum Power	Cell Efficiency	Size/Weight
M6-33-50	50 W	21.1%	520x530x25x25 mm / 3.0kg
M6-33-70	70 W	21.1%	670x530x25x25 mm / 3.9kg
M6-33-90	90 W	22.6%	790x530x25x25 mm / 4.6kg
M6-33-100	100 W	21.7%	980x530x28x25 mm / 5.7kg
M6-32-120	120 W	21.9%	860x700x28x25 mm / 6.7kg
M6-32-130	130 W	21.9%	950x700x28x25 mm / 7.4kg
M6-32-150	150 W	22.7%	1060x700x28x25 mm / 8.3kg
M6-32-200	200 W	22.3%	1390x700x28x25 mm / 10.9kg
M6-32-205	205 W	22.7%	1390x700x28x25 mm / 10.9kg
M6-32-215	215 W	23.1%	1390x700x28x25 mm / 10.9kg
M6-36-220	220 W	22.3%	1560x700x28x25 mm / 12.3kg
M6-36-225	225 W	22.7%	1560x700x28x25 mm / 12.3kg
M6-36-230	230 W	23.1%	1560x700x28x25 mm / 12.3kg
M5-36-45	45 W	20.6%	540x510x25x25 mm / 3.3kg
M5-36-50	50 W	22.8%	540x510x25x25 mm / 3.3kg
M5-36-60	60 W	20.3%	700x510x25x25 mm / 4.5kg
M5-36-65	65 W	22.2%	700x510x25x25 mm / 4.5kg
M5-36-75	75 W	21.5%	820x510x25x25 mm / 4.9kg
M5-36-80	80 W	22.6%	820x510x25x25 mm / 4.9kg
M5-36-100	100 W	22.6%	780x670x25x25 mm / 5.9kg
M5-36-115	115 W	21.6%	920x670x28x25 mm / 6.9kg
M5-36-120	120 W	22.5%	920x670x28x25 mm / 6.9kg
M5-36-130	130 W	21.9%	1020x670x28x25 mm / 7.7kg
M5-36-135	135 W	22.7%	1020x670x28x25 mm / 7.7kg
M5-36-145	145 W	21.8%	1120x670x28x25 mm / 8.4kg
M5-36-150	150 W	22.5%	1120x670x28x25 mm / 8.4kg
M5-32-180	180 W	22.8%	1310x670x28x25 mm / 10.0kg
M5-36-190	190 W	21.8%	1480x670x28x25 mm / 11.2kg
M5-36-195	195 W	22.4%	1480x670x28x25 mm / 11.2kg
M5-36-200	200 W	23.1%	1480x670x28x25 mm / 11.2kg
M-28-10	10 W	21.9%	270x310x17x17 mm / 0.8kg
M-36-20	20 W	22.6%	380x310x17x17 mm / 1.3kg
M-36-30	30 W	22.6%	380x450x17x17 mm / 2.0kg
M-32-40	40 W	22.6%	490x450x25x25 mm / 2.4kg
M-32-50	50 W	21.9%	620x450x25x25 mm / 3.1kg
M-36-60	60 W	22.6%	690x450x25x25 mm / 3.4kg
M-32-80	80 W	22.6%	900x450x25x25 mm / 4.5kg
M-36-90	90 W	22.6%	1010x450x25x25 mm / 5.0kg
M-60-150	150 W	22.6%	1120x670x28x25 mm / 8.3kg
M-66-165	165 W	22.7%	1225x670x28x25 mm / 9.1kg
M-66-170	170 W	23.4%	1225x670x28x25 mm / 9.1kg
M-72-175	175 W	22.0%	1330x670x28x25 mm / 9.9kg
M-72-180	180 W	22.6%	1330x670x28x25 mm / 9.9kg
M-72-185	185 W	23.3%	1330x670x28x25 mm / 9.9kg
M-72-190	190 W	23.9%	1330x670x28x25 mm / 9.9kg
M-144-360	360 W	22.8%	1956x885x30x30 mm / 19.2kg

STANDARD

Grid Connection



GSun Power is a high-tech enterprise, that focus on producing Poly & mono Solar Cells, and off-grid solar panels and offering system parts related to all kinds of solar systems. Along with the highly efficient production, they also provide optimized material component service for solar panel factories both in China and overseas.

	Maximum Power	# of cells	Size/Weight
P6-60	280-290 W	60 cells	1640 x 992 x 30 mm / 18.2kg
P6-72	330-350 W	72 cells	1956 x 992 x 30 mm / 22.8kg
M6-60	340-350 W	120 cells	1690 x 1002 x 30 mm / 19.0kg
M6-66	370-385 W	132 cells	1852 x 1002 x 30 mm / 21.0kg
M6-72	410-420 W	144 cells	2015 x 1002 x 30 mm / 23.0kg
M8-60	370-380 W	120 cells	1755 x 1038 x 30 mm / 19.5kg
M8-72	450-460 W	144 cells	2094 x 1038 x 30 mm / 23.5kg
M10-54	400-415 W	108 cells	1722 x 1134 x 28 mm / 19.0kg
M10-72	540-550 W	144 cells	2279 x 1134 x 30 mm / 27.0kg

STANDARD

Double Glass Component



GSun Power is a high-tech enterprise, that focus on producing Poly & mono Solar Cells, and off-grid solar panels and offering system parts related to all kinds of solar systems. Along with the highly efficient production, they also provide optimized material component service for solar panel factories both in China and overseas.

	Maximum Power	# of cells	Size/Weight
M8-72	450-460 W	120 cells	1755 x 1038 x 30 mm / 19.5kg
M10-54	400-415 W	144 cells	2278 x 1134 x 35 mm / 27.5kg
M10-72	540-550 W	108 cells	1722 x 1134 x 30 mm / 20.8kg

STANDARD

Double Glass Component



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M10-54	400-415 W	144 cells	2278 x 1134 x 35 mm / 27.5kg
M10-72	540-550 W	108 cells	1722 x 1134 x 30 mm / 20.8kg

PREMIUM

PV Modules



LONGi supplies its reliable, high-performance solar modules to 6 continents and 85 countries and regions to power the world toward a low carbon future.

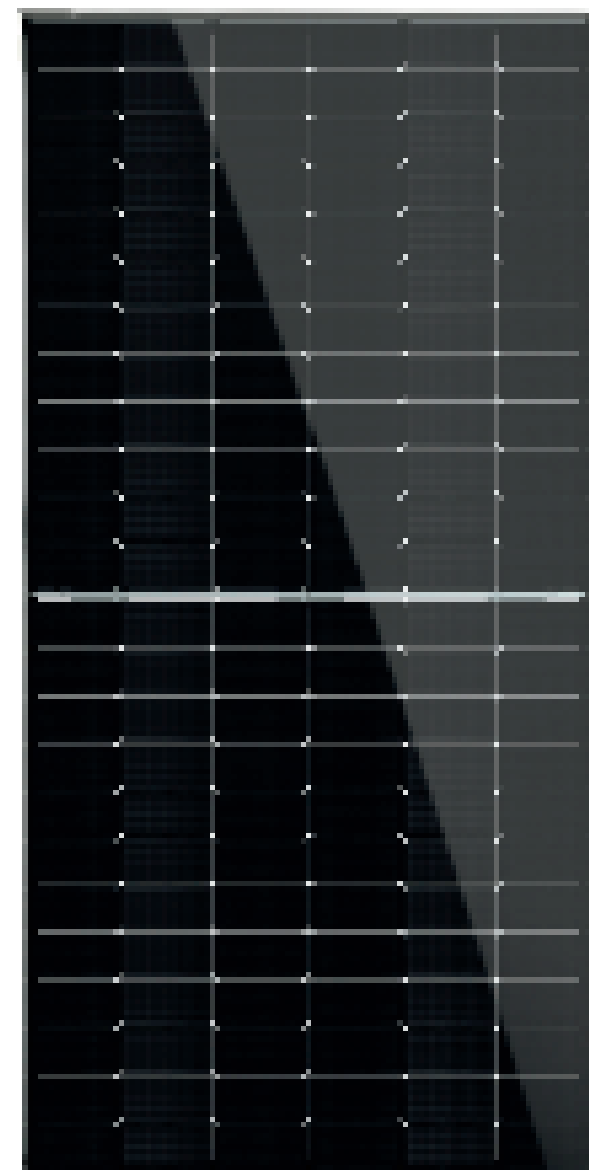
LONGi supports the "Solar for Solar" business model. While creating low-cost clean energy products for the world, the company uses clean energy and green manufacturing practices in its operations whenever possible.

	Maximum Power	# of cells	Size/Weight
Hi-MO 4m LR4-60HPH	365-385 W	120 cells	1755 x 1038 x 30 mm / 19.5kg
Hi-MO 5m LR5-72HPH	540-560 W	144 cells	2278 x 1134 x 35 mm / 27.5kg
Hi-MO 5m LR5-54HPH	405 - 425 W	108 cells	1722 x 1134 x 30 mm / 20.8kg
Hi-MO 4 LR4-72HBD	440-460 W	144 cells	2094 x 1038 x 35 mm / 27.5kg
Hi-MO 4m LR4-72HPH	445-465 W	144 cells	2094 x 1038 x 35 mm / 24.3kg
Hi-MO 5m LR5-72HPH	540-560 W	144 cells	2278 x 1134 x 35 mm / 27.5kg
Hi-MO 5 LR5-72HBD	535-555 W	144 cells	2278 x 1134 x 35 mm / 32.6kg

PREMIUM



The Tiger NEO Series



	Maximum Power	# of cells	Size/Weight
Tiger Neo N-type 54HL4-B	319-415 W	108 cells	1722 × 1134 × 30 mm / 22.0kg
Tiger Neo N-type 54HL4-V	410-430 W	108 cells	1722 × 1134 × 30 mm / 22.0kg
Tiger Neo N-type 60HL4-V	460-480 W	120 cells	1903 × 1134 × 30 mm / 24.2kg
TIGER NEO SERIES Tiger Neo N-type 72HL4-V	555-575 W	144 cells	2278 × 1134 × 35 mm / 28.0kg
Tiger Neo N-type 72HL4-BDV	550-570 W	144 cells	2278 × 1134 × 30 mm / 32.0kg
Tiger Neo N-type 78HL4-V	595-615 W	156 cells	2465 × 1134 × 35 mm / 30.6kg
Tiger Neo N-type 78HL4-BDV	590-610 W	156 cells	2465 × 1134 × 30 mm / 34.6kg

JinkoSolar is one of the largest and most innovative solar module manufacturers in the world. JinkoSolar has built a vertically integrated solar product value chain, with an integrated annual capacity of 20 GW for mono wafers, 11 GW for solar cells, and 25 GW for solar modules, as of September 30, 2020.



SMBB Technology
Better light trapping and current collection to improve module power output and reliability.



PID Resistance
Excellent Anti-PID performance guarantee via optimized mass-production process and materials control.



Enhanced Mechanical Load
Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).



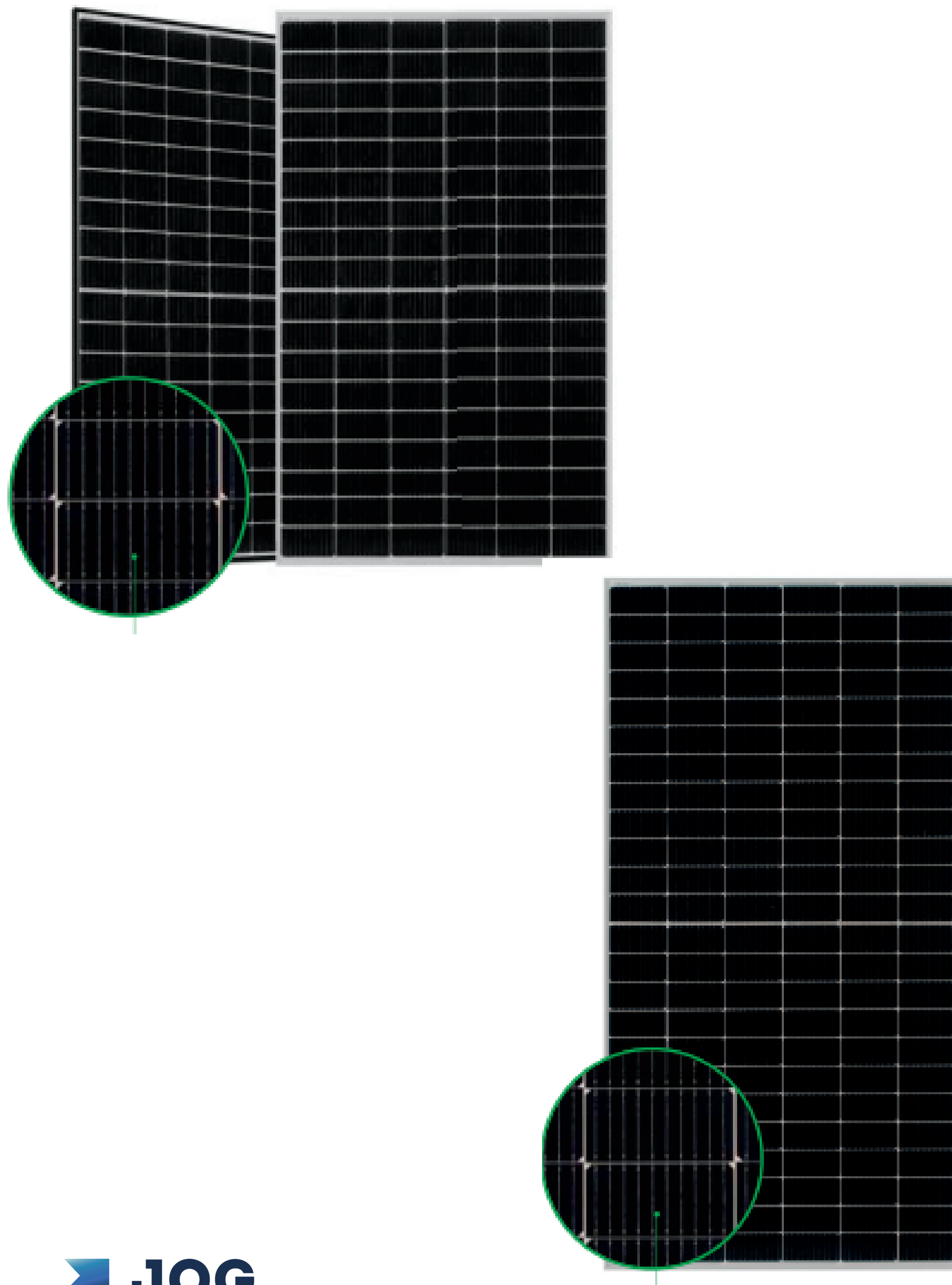
Durability Against Extreme Environmental Conditions
High salt mist and ammonia resistance.



Hot 2.0 Technology
The N-type module with Hot 2.0 technology has better reliability and lower LID/LETID.

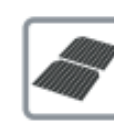
PREMIUM

The Tiger PRO Series



	Maximum Power	# of cells	Size/Weight
Tiger Pro 54HC	400-420 W	108 cells	1722 × 1134 × 30 mm / 22.0kg
Tiger Pro 60HC	440-460 W	120 cells	1903 × 1134 × 30 mm / 24.2kg
TIGER PRO SERIES			
Tiger Pro 72HC	535-555 W	144 cells	2278 × 1134 × 35mm / 28.0kg
Tiger Pro 72HL4-BDVP	545-565 W	144 cells	2278 × 1134 × 30 mm / 32.0kg

JinkoSolar is one of the largest and most innovative solar module manufacturers in the world. JinkoSolar has built a vertically integrated solar product value chain, with an integrated annual capacity of 20 GW for mono wafers, 11 GW for solar cells, and 25 GW for solar modules, as of September 30, 2020.



Multi Busbar Technology
Better light trapping and current collection to improve module power output and reliability.



PID Resistance
Excellent Anti-PID performance guarantee via optimized mass-production process and materials control.



Durability Against Extreme Environmental Conditions
High salt mist and ammonia resistance.



Reduced Hot Spot Loss
Optimized electrical design and lower operating current for reduced hot spot loss and better temperature coefficient.



Enhanced Mechanical Load
Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).

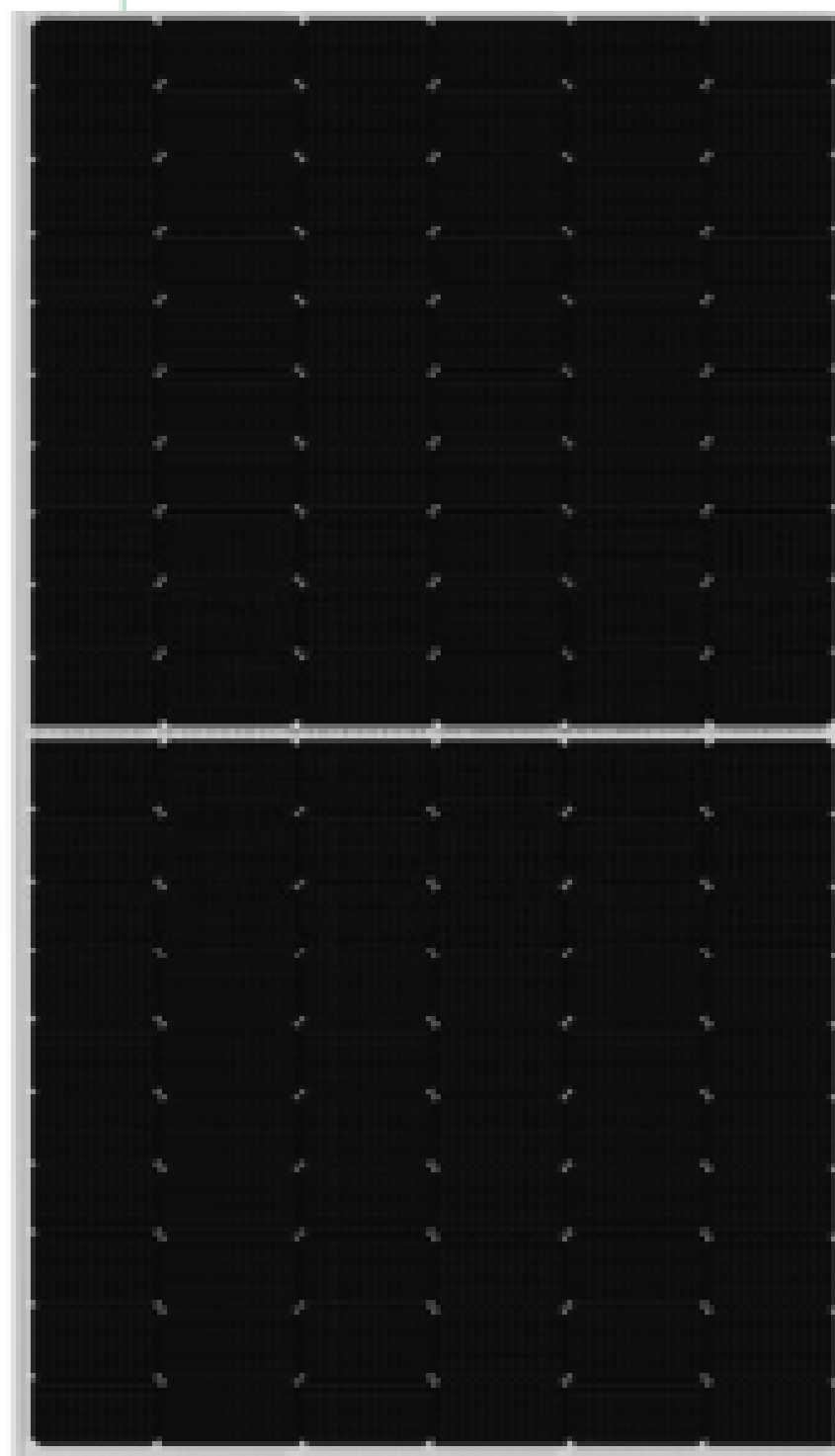
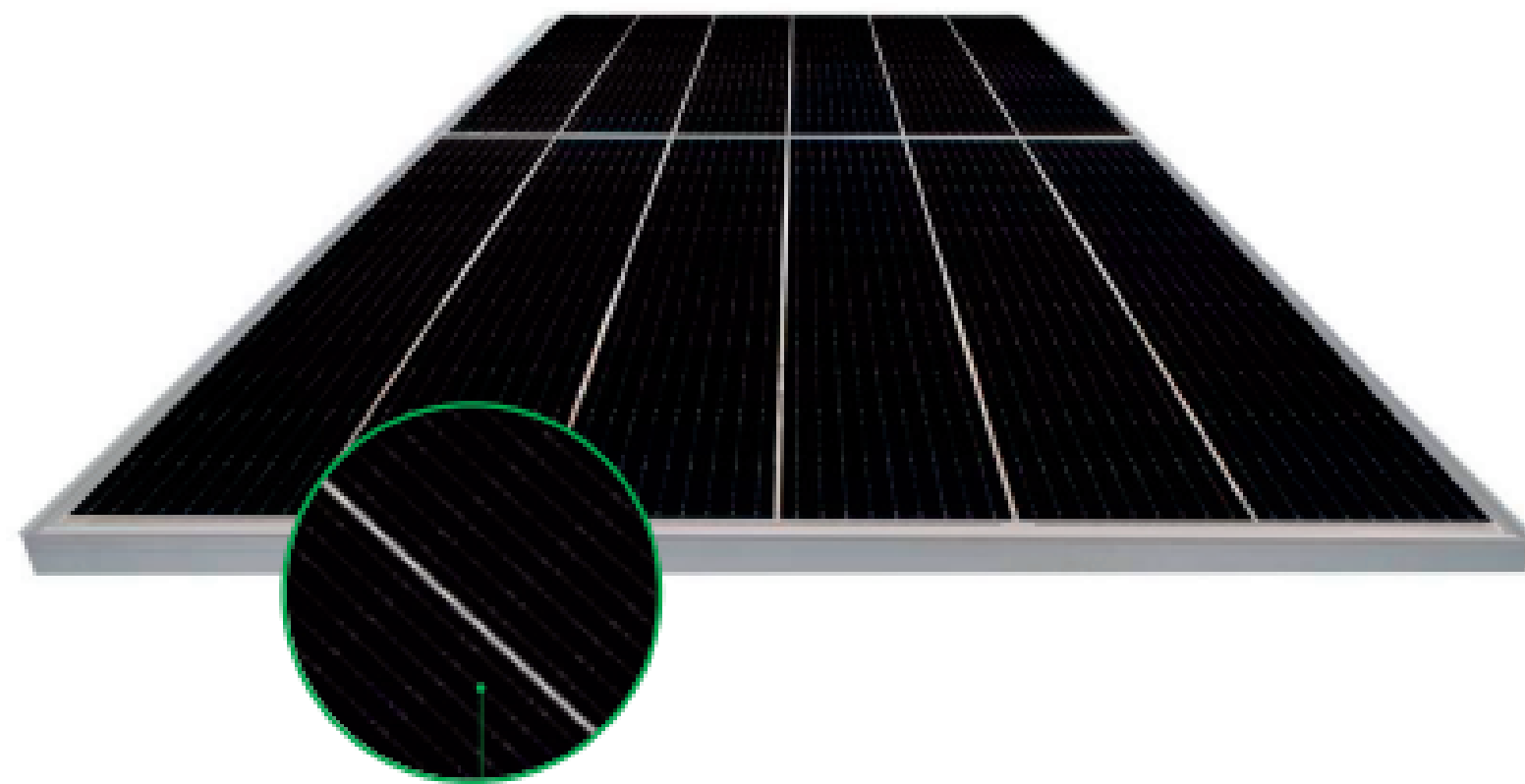


Higher Power Output
Module power increases 5-25% generally, bringing significantly lower LCOE and higher IRR.

PREMIUM

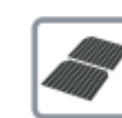


The Tiger Series



	Maximum Power	# of cells	Size/Weight
TIGER SERIES	Tiger N-Type 60TR	355-375 W	120 cells / 1692 × 1029 × 30 mm / 19.0kg
	Tiger N-Type 60TR	360-380 W	120 cells / 1692 × 1029 × 30 mm / 19.0kg
	Tiger N-Type 66TR	395-415 W	132 cells / 1855 × 1029 × 30 mm / 20.8kg
	Tiger N-Type 66TR	400-420 W	132 cells / 1855 × 1029 × 30 mm / 20.8kg
	Tiger 66TR	390-410 W	132 cells / 1855 × 1029 × 30 mm / 20.8kg
	Tiger 78TR	400-420 W	156 cells / 2182 × 1029 × 35 mm / 25.0kg

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Multi Busbar Technology
Better light trapping and current collection to improve module power output and reliability.



Durability Against Extreme Environmental Conditions
High salt mist and ammonia resistance.



PID Resistance
Excellent Anti-PID performance guarantee via optimized mass-production process and materials control.



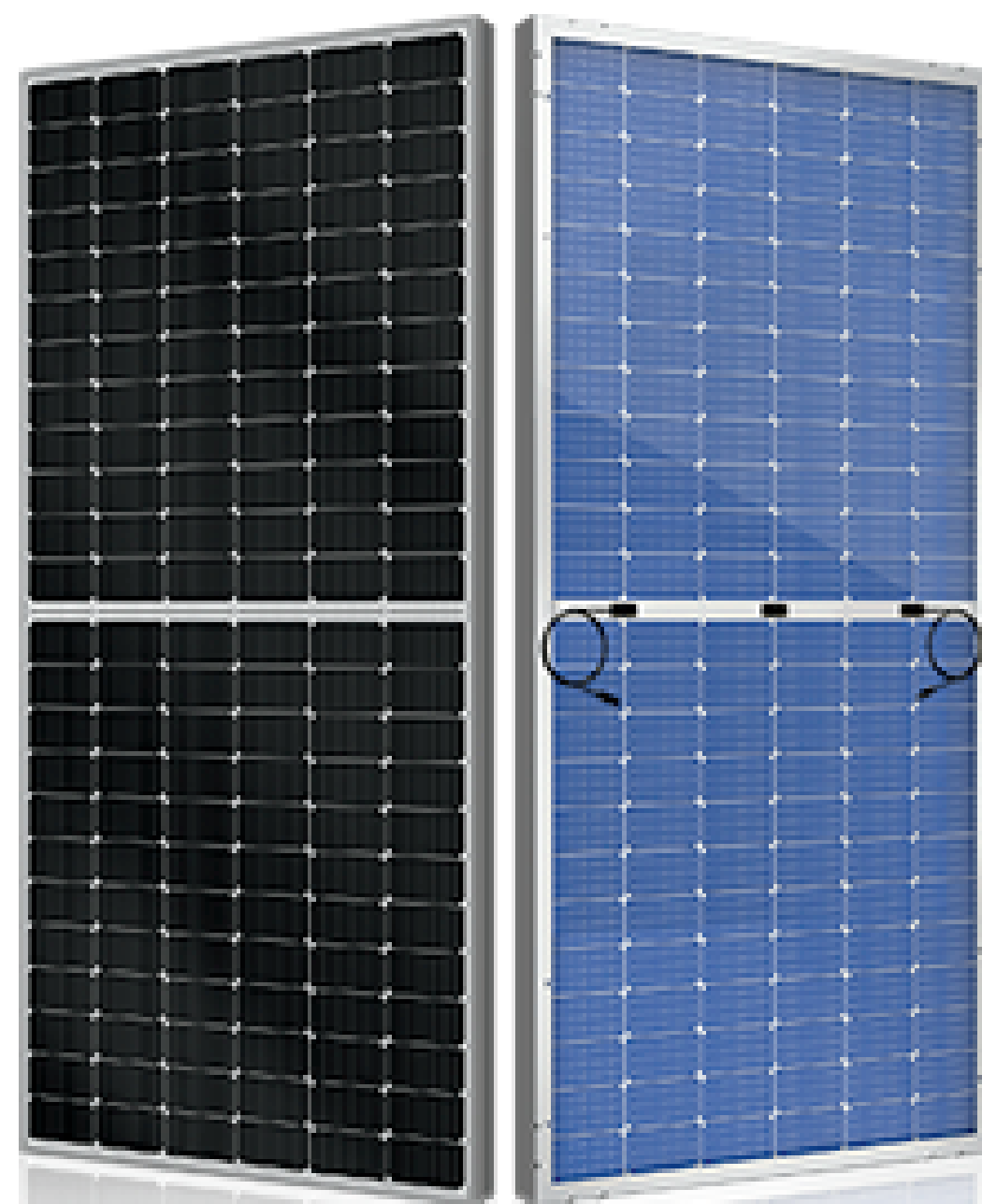
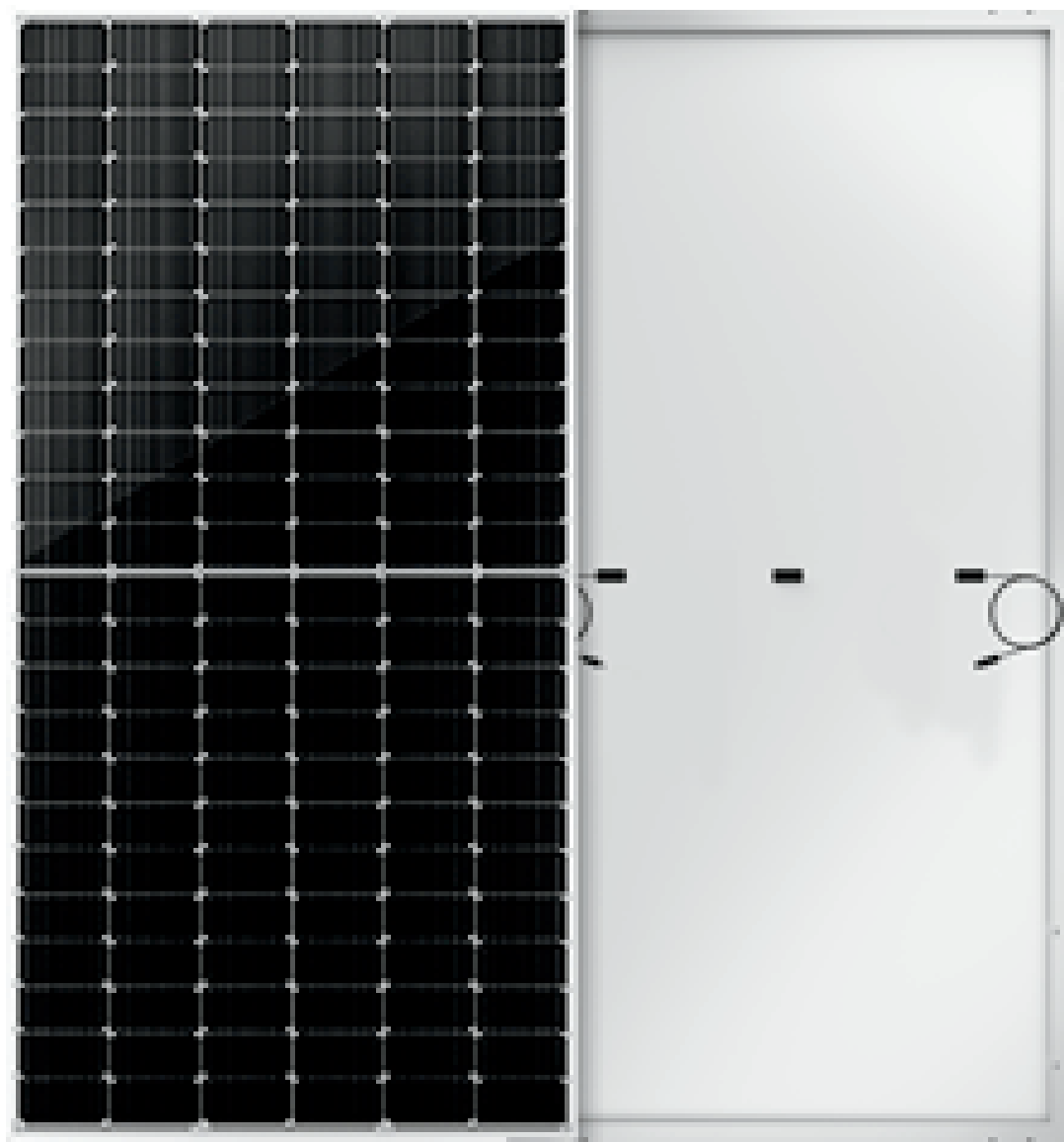
Hot 2.0 Technology
The N-type module with Hot 2.0 technology has better reliability and lower LID/LETID.



Enhanced Mechanical Load
Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).

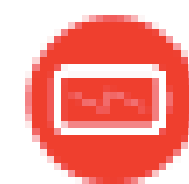
PREMIUM

The S3 Series

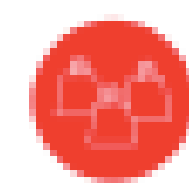


		Maximum Power	# of cells	Size/Weight
S3 SERIES	SRP BMB Full Black HV	365-380 W	120 cells	1755 x 1038 x 35 mm / 19.5kg
	SRP BMB HV	365-380 W	120 cells	1755 x 1038 x 35 mm / 19.5kg
	SRP BMA HV	440-455 W	144 cells	2094 x 1038 x 35 mm / 23.5kg
S3 BIFACIAL SERIES	SRP BMB BG	365-380 W	120 cells	1755 x 1038 x 30 mm / 23.5kg
	SRP BMA BG	440-455 W	120 cells	2094 x 1038 x 30 mm / 28.0kg
S3 LIGHTWEIGHT DUAL-GLASS	SRP BMA BG28	440-455 W	144 cells	2094 x 1038 x 28 mm / 23.0kg

Seraphim redefined the high-efficiency module series by integrating 166mm silicon wafers with multi-busbar and half-cut cell technologies. Seraphim panel combined creative technology effectively and extremely improved the module efficiency and power output.



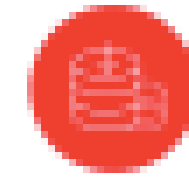
Less mismatch to get more power



3 times EL test to ensure best quality



Less power loss by minimizing the shading impact



Ideal choice for utility and commercial scale projects by reduced BoS and improved ROI



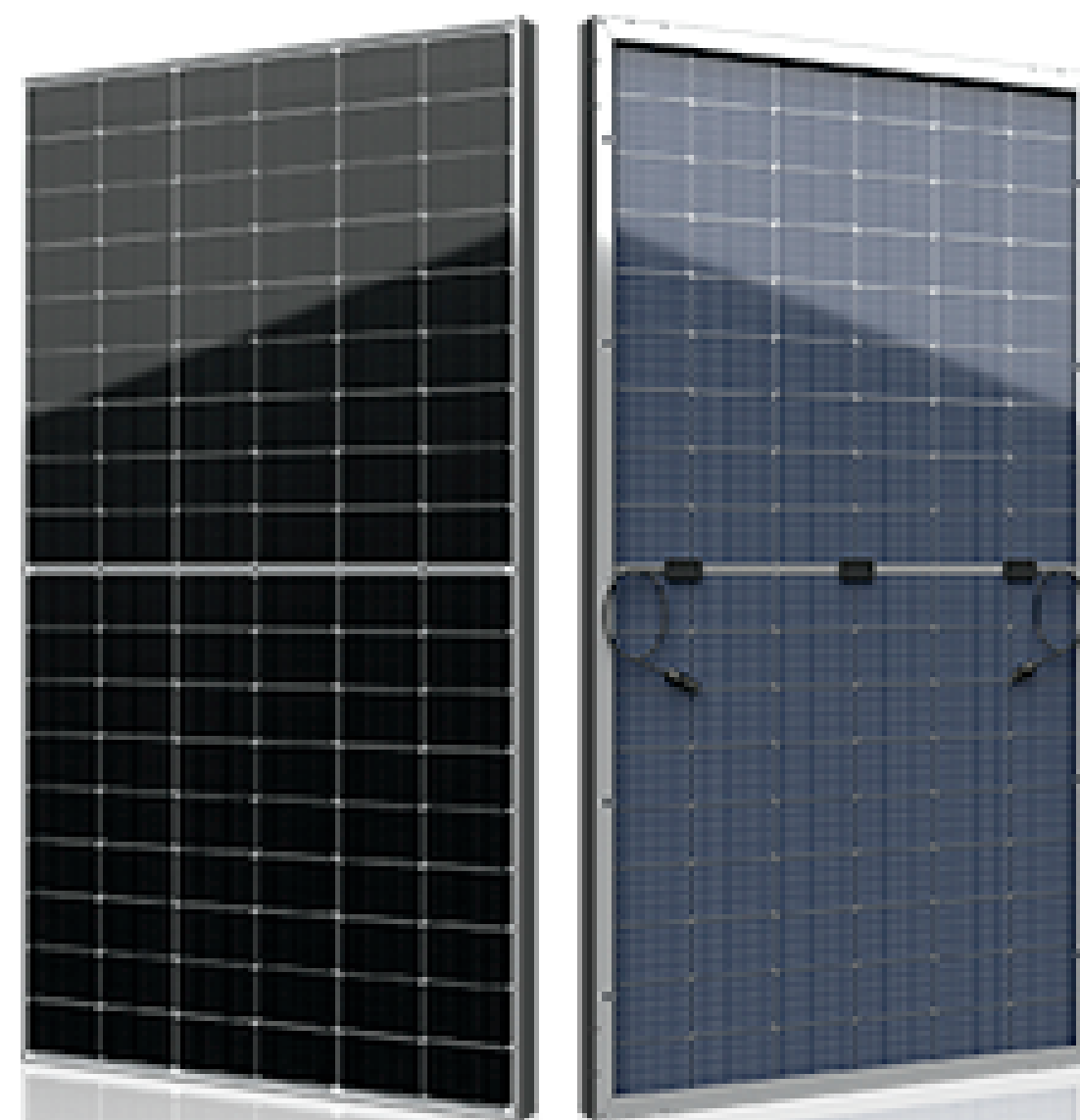
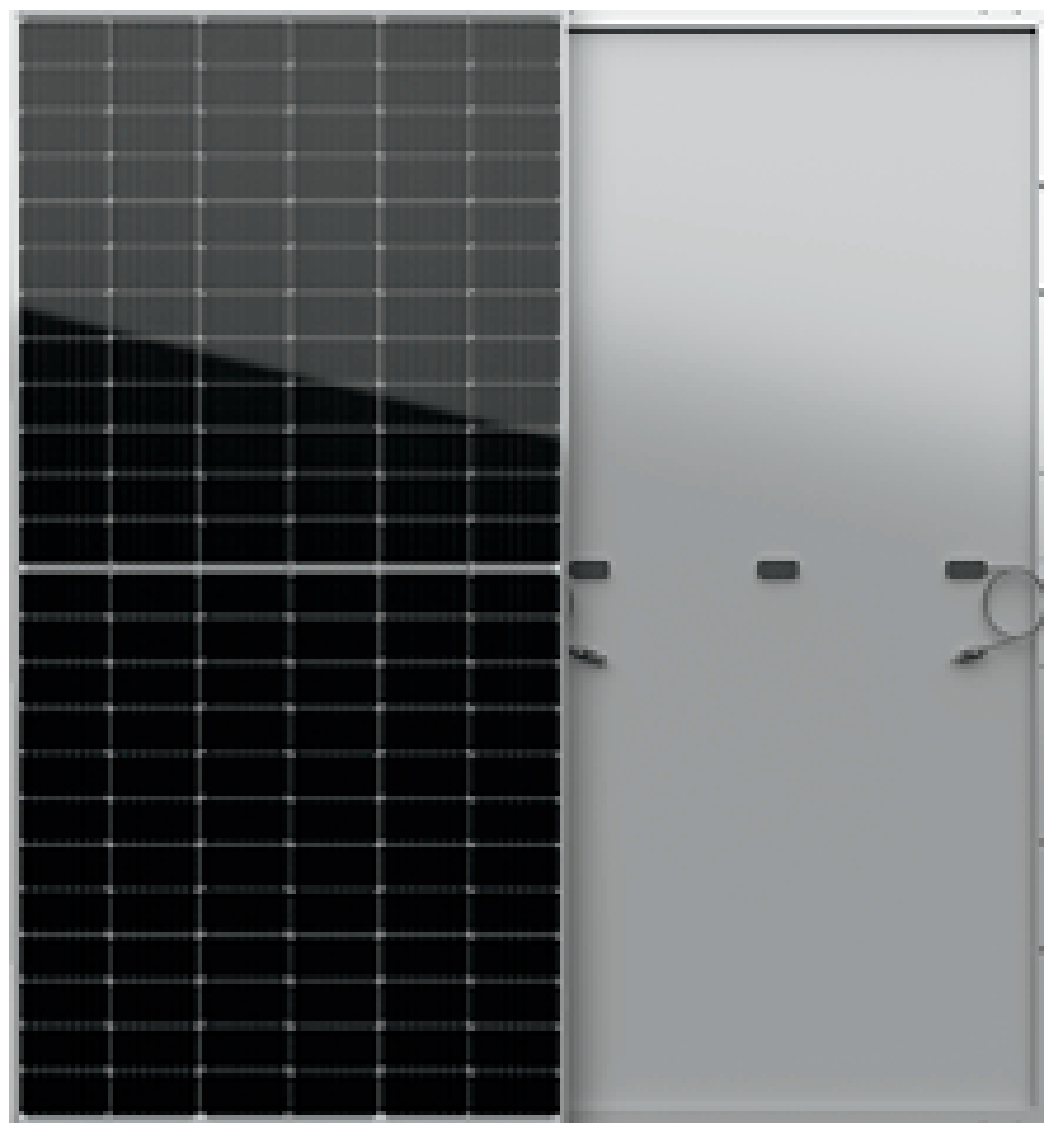
Competitive low light performance



Outstanding reliability proven by PVEL for stringent environment condition:

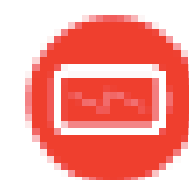
- Sand, acid, salt, and hail stones
- 2400 Pa wind load and 5400 Pa snow load
- Anti-PID

The S4 Series



		Maximum Power	# of cells	Size/Weight
S4 SERIES	SRP BMD HV	405-420 W	108 cells	1722 x 1134 x 28 mm / 19.0kg
	SRP BMB HV	445-460 W	120 cells	1909 x 1134 x 35 mm / 22.3kg
	SRP BMA HV	540-555 W	144 cells	2278 x 1134 x 35 mm / 27.0kg
S4 BIFACIAL SERIES	SRP BMB BG	445-460 W	120 cells	1909 x 1134 x 30 mm / 27.3kg
	SRP BMA BG	540-555 W	144 cells	2278 x 1134 x 30 mm / 32.0kg
S4 LIGHTWEIGHT DUAL-GLASS	SRP BMD BG28	405-420 W	108 cells	1722 x 1134 x 28 mm / 18.5kg
	SRP BMB BG28	445-460 W	120 cells	1909 x 1134 x 28 mm / 22.8kg

Seraphim redefined the high-efficiency module series by integrating 166mm silicon wafers with multi-busbar and half-cut cell technologies. Seraphim panel combined creative technology effectively and extremely improved the module efficiency and power output.



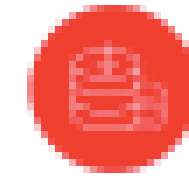
Less mismatch to get more power



3 times EL test to ensure best quality



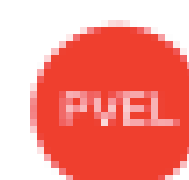
Less power loss by minimizing the shading impact



Ideal choice for utility and commercial scale projects by reduced BoS and improved ROI



Competitive low light performance



Outstanding reliability proven by PVEL for stringent environment condition:

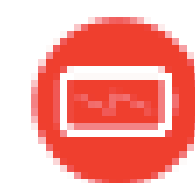
- Sand, acid, salt, and hail stones
- 2400 Pa wind load and 5400 Pa snow load
- Anti-PID

The S5 Series

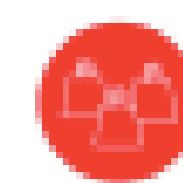


		Maximum Power	# of cells	Size/Weight
S5 SERIES	SRP BMB HV	595-610 W	120 cells	2172 x 1303 x 35 mm / 31.0kg
	SRP BMC HV	655-670 W	132 cells	2384 x 1303 x 35 mm / 34.0kg
S4 BIFACIAL SERIES	SRP BMB BG	595-610 W	120 cells	2172 x 1303 x 35 mm / 35.0kg
	SRP BMC BG	655-670 W	132 cells	2384 x 1303 x 35 mm / 38.5kg

Seraphim redefined the high-efficiency module series by integrating 166mm silicon wafers with multi-busbar and half-cut cell technologies. Seraphim panel combined creative technology effectively and extremely improved the module efficiency and power output.



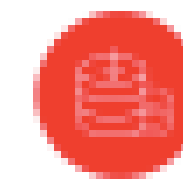
Less mismatch to get more power



3 times EL test to ensure best quality



Less power loss by minimizing the shading impact



Ideal choice for utility and commercial scale projects by reduced BoS and improved ROI



Competitive low light performance



Outstanding reliability proven by PVEL for stringent environment condition:

- Sand, acid, salt, and hail stones
- 2400 Pa wind load and 5400 Pa snow load
- Anti-PID

BISTAR – Monofacial Modules



The TALESUN monofacial main features are lower energy output losses, a wide range of applications, optimized structural design, and material configuration.

	Maximum Power	# of cells	Size/Weight	
	TP6L60M	360-380W	120 cells	1755 x 1038 x 30 mm / 19.5kg
	TP7F60M	440-460 W	120 cells	1908 x 1134 x 35 mm / 24.3kg
	TP7F78M	580-600 W	156 cells	2465 x 1134 x 35 mm / 31.5kg
	TP8F66M	650-670 W	132 cells	2384 x 1303 x 35 mm / 34.5kg
BISTAR MONOFACIAL	TP6L60M	350-370 W	120 cells	1755 x 1038 x 35 mm / 19.5kg
	TP6L72M	435-455 W	144 cells	2094 x 1038 x 35 mm / 23.5kg
	TP7F54M	395-415 W	108 cells	1722 x 1134 x 30 mm / 21.5kg
	TP7F66M	485-505 W	132 cells	2094 x 1134 x 35 mm / 26.6kg
	TP7F54M	390-410 W	108 cells	1722 x 1134 x 30 mm / 21.5kg
	TP7F72M	530-550 W	144 cells	2278 x 1134 x 35 mm / 28.0kg

BIPRO – Mono Bifacial Modules

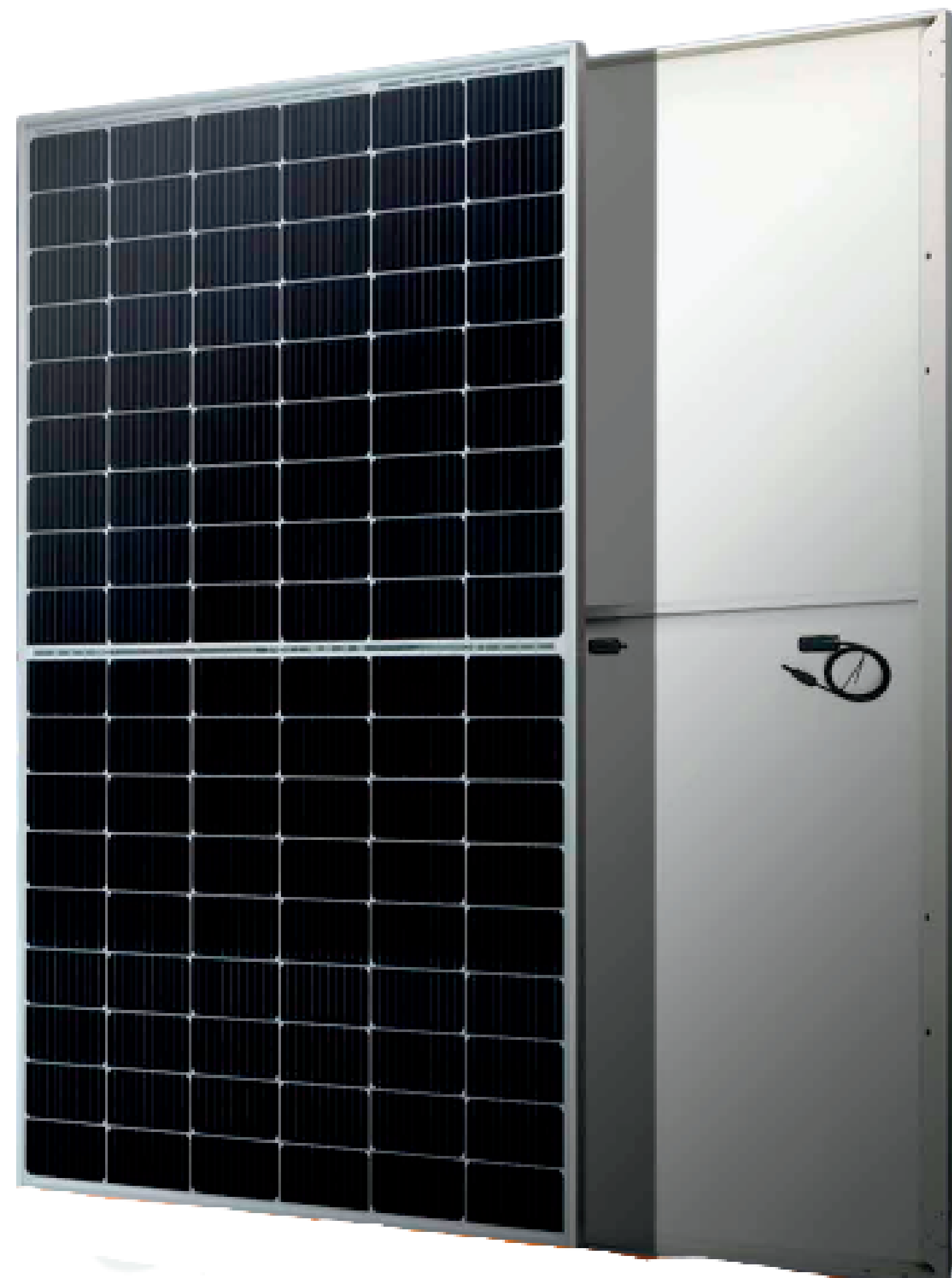


The TALESUN monofacial main features are lower energy output losses, a wide range of applications, optimized structural design, and material configuration.

	Maximum Power	# of cells	Size/Weight
TD6I60M	360-380W	120 cells	1755 x 1038 x 30 mm / 23.5kg
TD6I72M	435-455 W	144 cells	2094x 1038 x 30 mm / 28.0kg
TD7G54M	395-415 W	108 cells	1722 x 1134 x 30 mm / 25.5kg
TD7G60M	440-460 W	120 cells	1914 x 1134 x 30mm / 26.8kg
TD7G60M	440-460 W	120 cells	1914 x 1134 x 35 mm / 27.0kg
TD7G66M	485-505 W	132 cells	2100 x 1134 x 30mm / 29.4kg
BIPRO MONO BIFACIAL TD7G66M	485-505 W	108 cells	2100 x 1134 x 35 mm/ 29.6kg
TD8G60M	585-605W	120 cells	2172 x 1303 x 35 mm / 34.8kg
TD7G72M	530-550 W	144 cells	2278 x 1134 x 30 mm/ 31.8kg
TD7G72M	530-550 W	144 cells	2278 x 1134 x 35 mm / 32.2kg
TD7G78M	580-600 W	156 cells	2465 x 1134 x 35 mm/ 35.0kg
TD8G66M	650-670 W	132 cells	2384 x 1303 x 35mm / 38.5kg



THE FEATHER – The Lighter Module



The TALE SUN monofacial main features are lower energy output losses, a wide range of applications, optimized structural design, and material configuration.

		Maximum Power	# of cells	Size/Weight
THE FEATHER	TP7F54M	395-415W	108 cells	1722 x 1134 x 30 mm / 16.2kg
	TP7F54M	390-410 W	108 cells	1722 x 1134 x 30 mm / 16.2kg



Light-Weight
Reduce roof loads, easy operation, lower installation cost



10BB Half-cut Cell Technology
New circuit design, lower internal current, lower Rs loss Ga doped wafer, attenuation <2% (1st year) / ≤0.55% (Linear)



Significantly Lower the Risk of Hot Spot
Special circuit design with much lower hot spot temperature



Excellent Anti-PID Performance
2 times of industry standard Anti-PID test



IP68 Junction Box
High waterproof level

PV Module Monocrystalline



Twinsel is a manufacturer of high-performance solar photovoltaic products and provider of total business solutions for residential, commercial and utility-scale power generation. The company, founded in 1986, compels value generation for its chosen global customers. Techno-commercial innovation, underpinned by consummate quality and support, encircle Twinsel's total Solar PV business solutions which are among the most powerful and cost-effective in the industry. With local market presence and strong financial bankability status, we are committed, and able, to building strategic, mutually beneficial collaborations with our partners, as together we capitalise on the rising value of green energy.



		Maximum Power	# of cells	Size/Weight
MONO PERC	SYM72-6	360-380 W	72 cells	1956x992x40 mm / 22.0kg
MONO PERC	SYM60-6	270-290 W	60 cells	1650x992x35 mm / 18.0kg
MONO PERC	SYM120-6	325-340 W	120 cells	1689x996x35 mm / 19.5kg
MONO PERC	SYM144-6	395-415 W	144 cells	2015x996x40 mm / 23.0kg
MONO PERC	SYM156-6	425-445 W	156 cells	2178x996x40 mm / 25.5kg
BIFACIAL MONO PERC	SYM120-6	325-340 W	120 cells	1708x1000x30 mm / 22.0kg
BIFACIAL MONO PERC	SYM144-6	395-420 W	144 cells	2034x1000x30 mm / 27.0kg
MONO PERC	SYM36-6	170-190 W	36 cells	1480x680x35 mm / 11.0kg
MONO PERC	SYM60-6	295-315 W	60 cells	1650x992x35 mm / 18.0kg

PV Module Polycrystalline



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		Maximum Power	# of cells	Size/Weight
POLY	SYM60-6	260-280 W	60 cells	1650×992×35 mm / 18.0kg
POLY	SYM72-6	320-340 W	72 cells	1956×992×40 mm / 22.0kg
POLY	SYM72-6	100-120 W	72 cells	1030×680×30 mm / 9.5kg
POLY	SYM36-6	150-170 W	36 cells	1480×680×35 mm / 11.0kg
POLY	SYM72-6	200-220 W	72 cells	1320×990×35 mm / 14.5kg
POLY	SYM60-6	270-290 W	60 cells	1650×992×35 mm / 15.0kg
CAST MONO	SYM72-6	325-345 W	72 cells	1956×992×40 mm / 22.0kg
CAST MONO	SYM72-6	370-395 W	72 cells	1979×996×40 mm / 22.5kg
CAST MONO	SYM120-6	310-330 W	120 cells	1689×996×35 mm / 19.5kg
POLY	SYM144-6	335-355 W	144 cells	2010×992×40 mm / 23.0kg
CAST MONO	SYM144-6	375-400 W	144 cells	2015×996×40 mm / 23.0kg

PREMIUM

PV Module

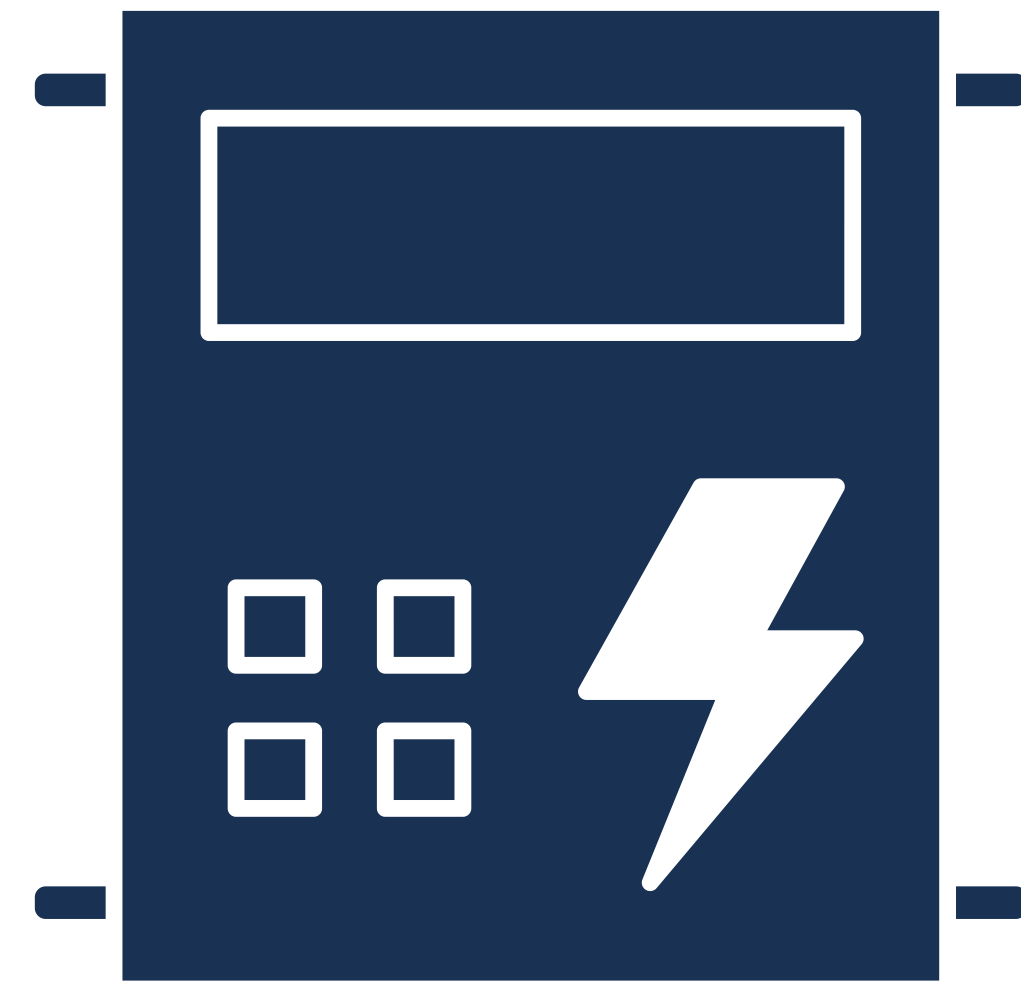


Trina Solar Co., Ltd., founded in 1997, is primarily engaged in the research and development, production, and sale of PV modules; power stations and system products; PV power generation, operation, and maintenance services; development and sale of intelligent microgrids and multi-energy systems, as well as the operation of energy cloud platforms, among other things, and is committed to leading the way in smart solar energy solutions for a net-zero future.



		Maximum Power	# of cells	Size/Weight
VERTEX	VB665	645-665 W	132 cells	2384×1303×33mm / 38.3kg
VERTEX	VB575	555-575 W	132 cells	2384×1134×30mm / 33.7kg
VERTEX	VB500	475-505 W	150 cells	2187×1102×35mm / 30.1kg
VERTEX	VM580	560-580 W	132 cells	2384 x 1134 x 35mm / 29.1kg
VERTEX	VM670	650-670 W	132 cells	2384×1303×33mm / 33.3kg
VERTEX S	VBM425	405-425 W	144 cells	1762×1134×30mm / 21.8kg
VERTEX S	VBM435	415-435 W	144 cells	1762×1134×30mm / 21.8kg
TALLMAX	TM490	470-490 W	252 cells	2315 × 1016 × 35mm / 26.0kg
TALLMAX	TM415	390-415 W	144 cells	2015 × 996 × 35mm / 22.0kg
DUOMAX TWIN	DMT485	465-485 W	252 cells	2315×1016×35mm / 30.0kg
DUOMAX TWIN	DMT410	390-415 W	144 cells	2024×1002×30mm / 26.0kg

INVERTERS



Residential Inverters



MIC 750-3300 TL-X
 0.75-3.3KW SINGLE PHASE, 1 MPPT

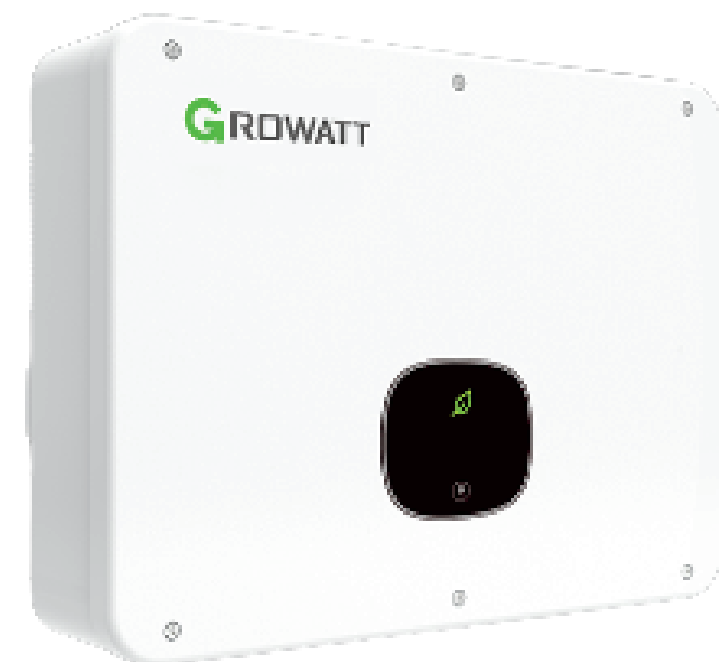


MIN 2500-6000 TL-X/XH
 2.5-6KW SINGLE PHASE, 2 MPPTs



MOD 3-15KTL3-X/XH
 3-15KW THREE PHASE, 2 MPPTs

Commercial Rooftop Inverters



MID 15-25KTL3-X
 15-25KW THREE PHASE, 2 MPPTs



MAC 15-36KTL3-XL
 15-36KW,220V, THREE PHASE, 3 MPPTs



MID 25-40KTL3-X
 25-40KW THREE PHASE, 3-4 MPPTs

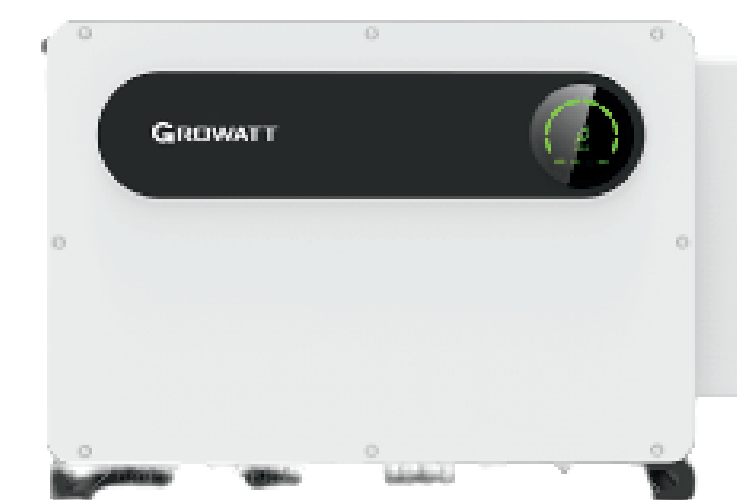
Large Commercial & Utility Inverters



MAC 30-70KTL3-X LV/MV
 30-70KW THREE PHASE, 3 MPPTs,
 400VAC/480VAC



MAX 50-100KTL3 LV/MV
 50-100KW THREE PHASE, 6/7 MPPTs,
 400VAC/480VAC



MAX 100-125KTL3-X LV
 100-125KW THREE PHASE, 10
 MPPTs



MAX 185-253KTL3-X HV
 185-253KW THREE PHASE, 9/12/15 MPPTs,
 800VAC

Single Phase Inverters



Solis Single Phase S5 Mini Series



Solis Single Phase S5 Series



Solis Single Phase Mini's 4G



Solis Single Phase



Solis Single Phase 5G

Three Phase Inverters



Solis Three Phase S5 Series



Solis Three Phase 5K to 20K



Solis Three Phase 25K to 50K



Solis Three Phase 80K to 125K



Solis Three Phase 208K to 255K

Energy Storage Inverters



Hybrid Storage Inverters 5K to 10K



Hybrid Storage Inverters 3K to 6K



5G Retro Fit Storage Inverter

Hybrid Inverter



HPS5000TLS/7500TLS/10000TLS
15-40KW single phase all in one hybrid inverter
for small and medium C&I use.



HPS7500TL/10000TL
Up to 10KW three phase all in one hybrid inverter
for villa, school, or small factory.



ATESS HPS15000TL/20000TL/30000TL/40000TL
15-40KW three-phase all in one hybrid inverter
for small and medium C&I use.



ATESS HPS10000TLS-LV
10KW single phase all in one hybrid inverter
for household use.



HPS30/50/100/120/150
Large capacity all in one hybrid inverter
for commercial application, supporting up to 6000KW system



HPS30/50-US
Large capacity all in one hybrid inverter
for commercial application in the American markets.



HPS100//120/150-US
Large capacity all in one hybrid inverter
for commercial application in the American markets.

Battery Inverter



PCS100/250/500/630
Bidirectional battery inverter from 100KW to 630KW,
can be used alone or with solar charger and other.

Solar Charge Controller

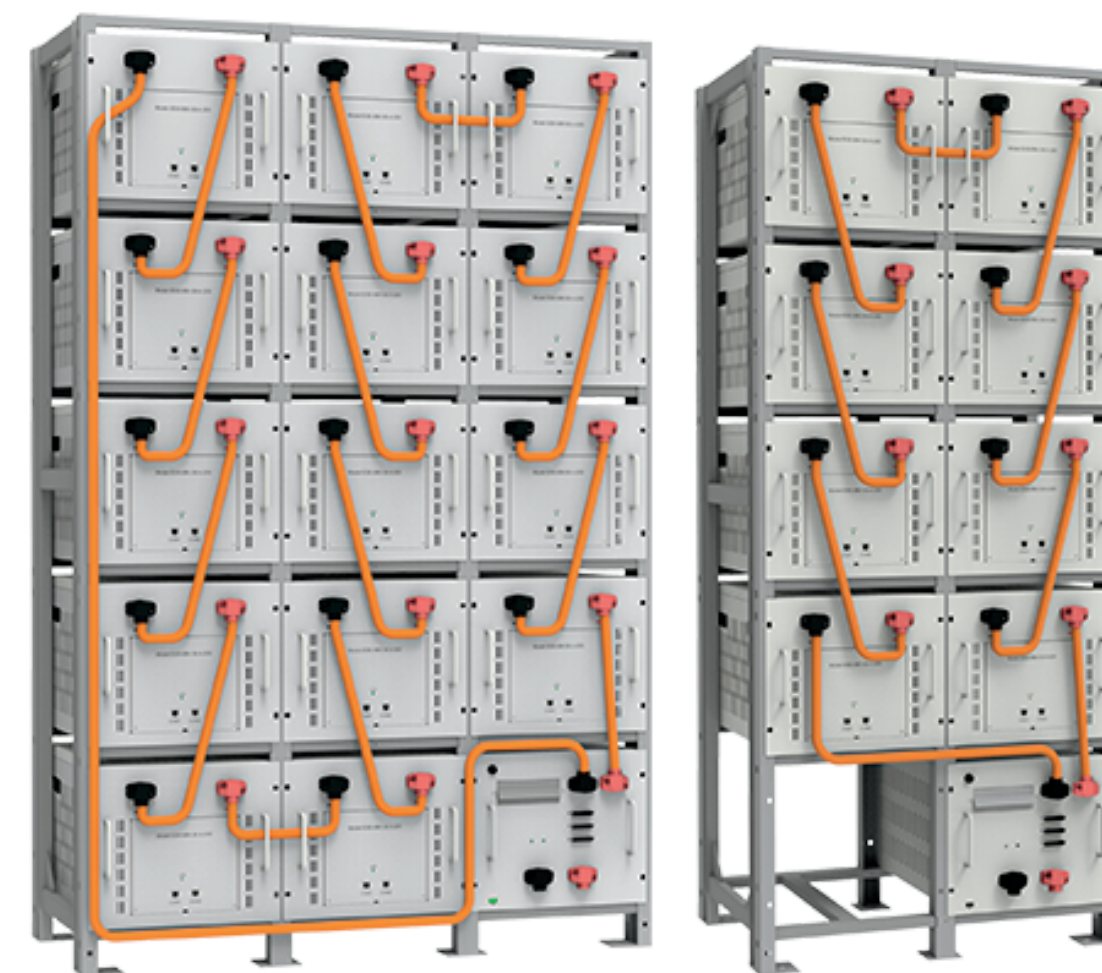


PBD250
1000V level DC to DC solar charge controller,
used together with ATESS PCS and Bypass for large scale solar.

Battery Solutions



BC45T/50T/60T/75T/100T
Bidirectional battery inverter from 100KW to 630KW,
can be used alone or with solar charger and other.



BR45T/50T/60T/75T/100T/138T/145T
Outdoor battery cabinet with IP54 protection level,
indoor battery rack with IP20 protection level.



PCS250 Station
Outdoor containerized solution with IP54 protection level
to handle harsh environmental conditions.

Off Grid Solar Inverter



SUNON-E Series 3KVA/2.4KW



SUNON IV 4K/6K with WIFI & RGB



SUNPAX Series 5.5KW



SUNON PRO Series 5.5KW



SUNON PLUS Series 5.5KW



SUNON Series 3KW/5KW



SUNSEE Series 3K/5K



ISUN Series 1KVA



SVP Series 1KVA



SUNSEE Amery 1KW



SVP Series 3KVA



SUNMAX Series 4-6KW



SUNMAX Series 1-3KW

Hybrid Solar Inverter



SUNPOLO 8KW Hybrid Inverter



SUNPOLO Series 6KW Hybrid Inverter



SUNPOLO Series 5KW Hybrid Inverter

Micro Inverter



SAKO WVC -350 Micro Inverter



SAKO WVC -300 Micro Inverter

Single Phase String PV Inverter



Single Phase (1-3kW)



Single Phase (3-6kW)



Single Phase (7-10kW)



Japanese Single Phase (5.5kW)

Three Phase String PV Inverter



Three Phase (3-25kW)



Three Phase (30-40kW)



Three Phase (50kW)



Three Phase (60kW)



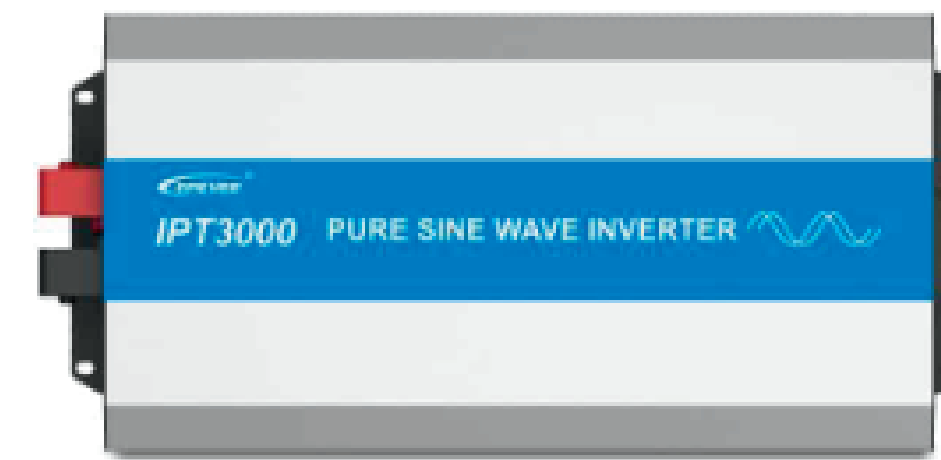
Inverters



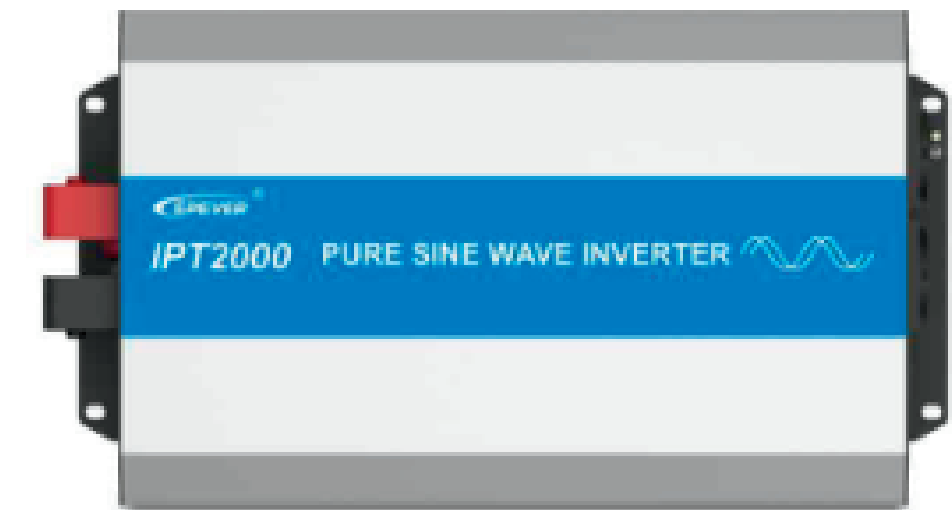
IPower-Plus Series(220/230VAC)
350~5000W Pure Sine Wave Inverter



IPower-Plus Series(110/120VAC)
350~4000W Pure Sine Wave Inverter



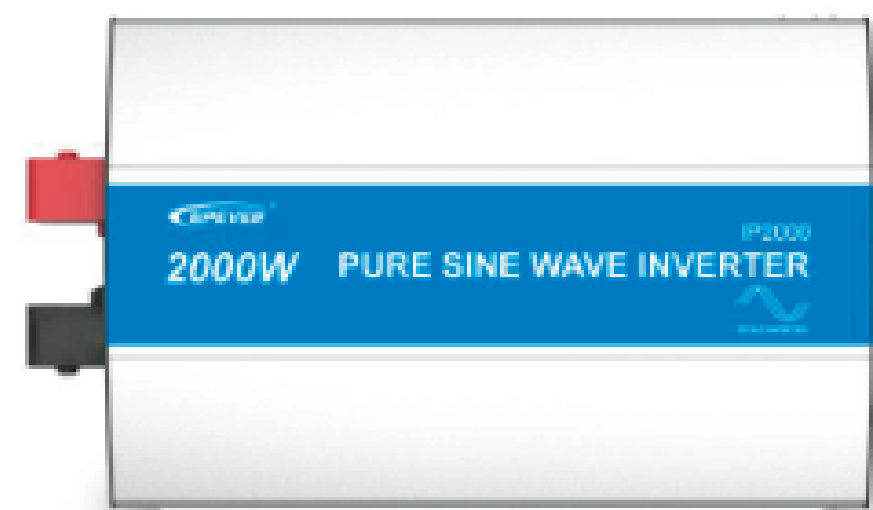
IPT Series (220/230VAC) 350~5000W
Pure Sine Wave Inverter



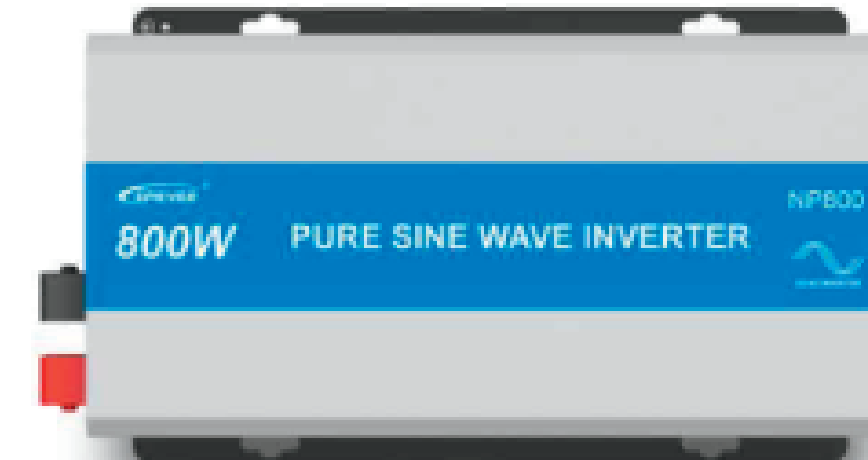
IPT Series (110/120VAC) 350~4000W
Pure Sine Wave Inverter



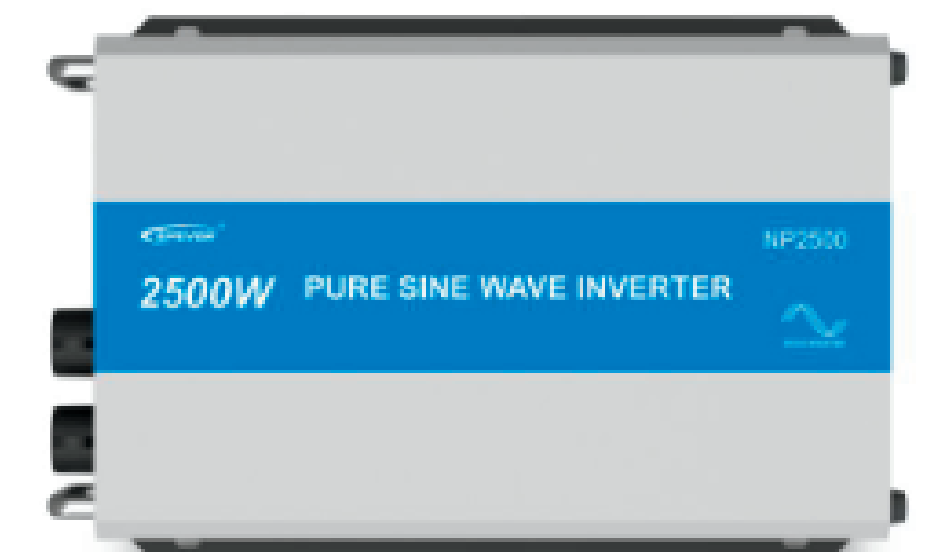
IPower Series(220/230VAC)
350~2000W Pure Sine Wave Inverter



IPower Series(110/120VAC)
350~2000W Pure Sine Wave Inverter



NPower Series(220/230VAC)
260~5000W Pure Sine Wave Inverter



NPower Series(110/120VAC)
600~2500W Pure Sine Wave Inverter



TPower Series (10000~30000VA)
Pure Sine Wave Inverter

Charge Controller



XTRA Series(10~40A)
MPPT Charge Controller



Tracer AN Series (10~40A)
MPPT Charge Controller



Tracer AN Series (50~100A)
MPPT Charge Controller



DuoRacer Series(10~30A) Dual Battery
MPPT Charge Controller



MSC-N Series(20~40A)
MPPT Charge Controller



iTracer-ND Series(60A)
MPPT Charge Controller



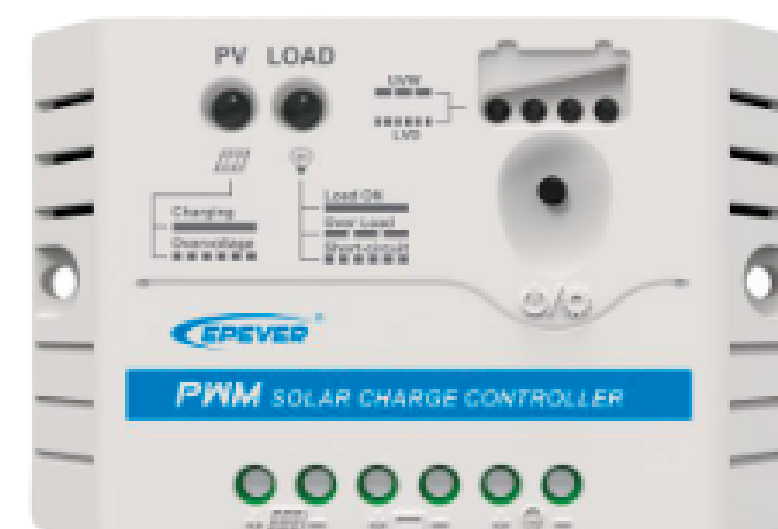
Tracer BP Series(10~30A)
IOT MPPT Charge Controller



Tracer LPLI Series(10~20A)
MPPT Solar Controller & LED Driver



Tracer BPL Series(10~20A)
IOT MPPT Solar Controller & LED Driver



LS-E(EU) Series(5A~30A)
PWM Charge Controller



LS-B Series(10~30A)
PWM Charge Controller



VS-AU Series(10~60A)
PWM Charge Controller

Charge Controller



VS-BN Series(10~60A) PWM Charge Controller



EPIPDB-COM Series(10/20A) Dual Battery PWM Charge Controller



GoMate Series(30A) Flush Mount Charge Controller



LS-EPD Series(10/20A) PWM Charge Controller



LS-LPLI Series(10/20A) PWM Charge Controller & LED Driver

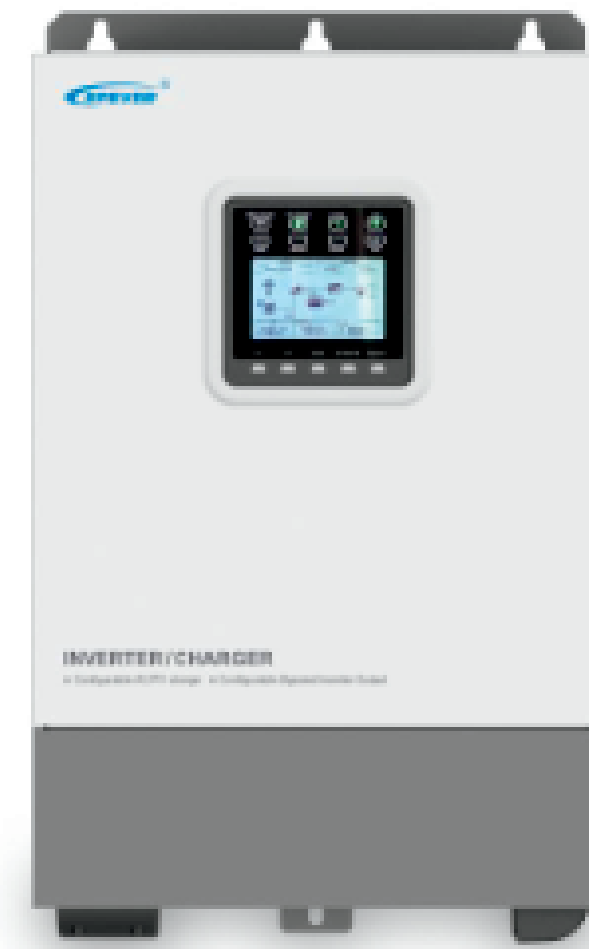


LS-LPLW Series(10/20A) PWM Charge Controller & LED Driver

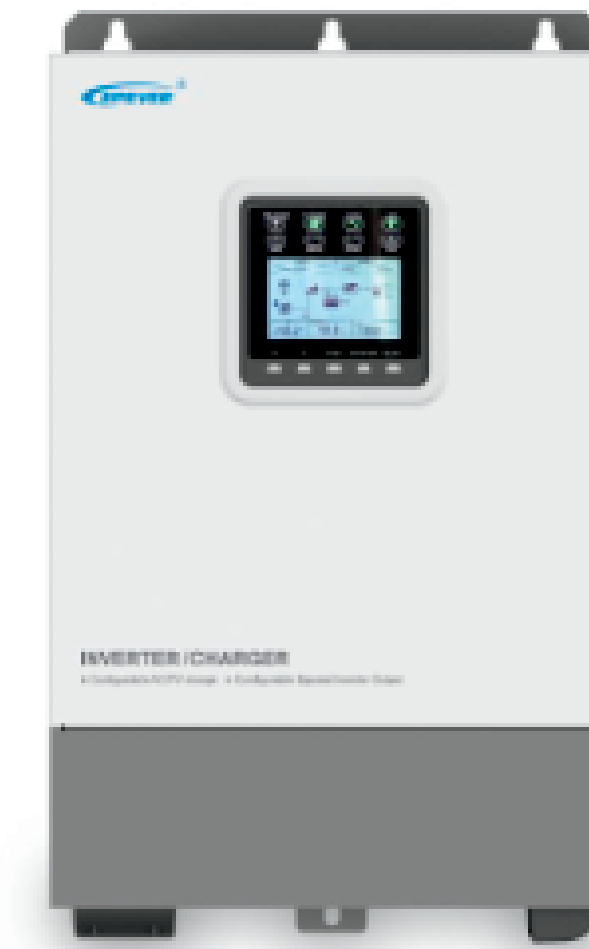
Inverter Charger



UPower Series(1000~5000W)
Inverter/Charger



UPower-HI Series(220/230VAC)
2000~5000W Inverter/Charger



UPower-HI Series(110/120VAC)
2000~3000W Inverter/Charger

On Grid Inverter



On Grid 50/110KW Inverter



50KW 60KW 80KW 100KW Solar Grid Tie Inverter Home 380v 400v Three Phase 50Hz



Grid Tie 30kw 40kw 50kw 60kva Three Phase Solar Inverter



15KWA 20KVA Solar Inverter 380v 12kw 15kw 17kw 20kw Inverter



Three Phase Grid Tie Solar Inverter 8kw 9kw 10kw 12kw 13kw



Mppt Solar Inverter On Grid 3kva 5kva 8kva Single Phase

Off Grid Inverter



5.5KW Off Grid Hybrid Inverter



3KW 110/120VAC Power Off Grid Inverter



Off Grid 5KW 5.5KW 6KW 48V Solar Inverter

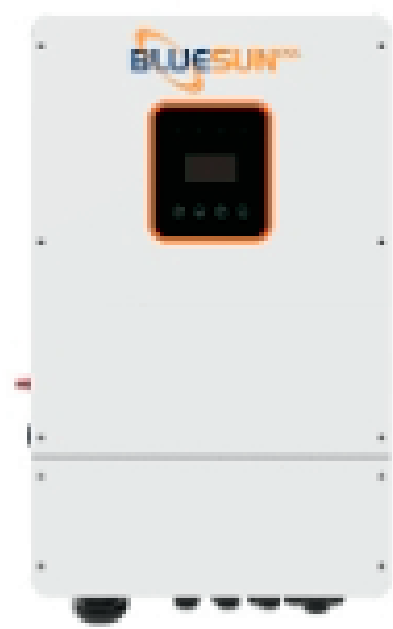


3.5KW Power Inverter With A Built-In Charger 24V 100A Mini Inverter Charger



5.5KW Off Grid Hybrid Inverter

Hybrid Inverter



8KW 10KW 12KW Hybrid Solar Inverter



6Kw 5Kw 48V Single Phase Hybrid Solar Inverter With Ct Limiter



12kW AC 3 Phase Hybrid Solar Inverter



8kW Hybrid Solar Inverter Built In MPPT Energy Storage



8kw 10kw 12kw Three Phase Hybrid Solar Inverter



100kw Hybrid Solar Inverter



50kw Hybrid Solar Inverter



150kw Solar Inverter 3-Phase Industrial Hybrid Inverter

Micro Inverter



BSM-700

700 Watt Micro Inverter



BSM-1200

1200 Watt Micro Inverter



BSM-1500

1500 Watt Micro Inverter



BSM-1200

1200 Watt Micro Inverter



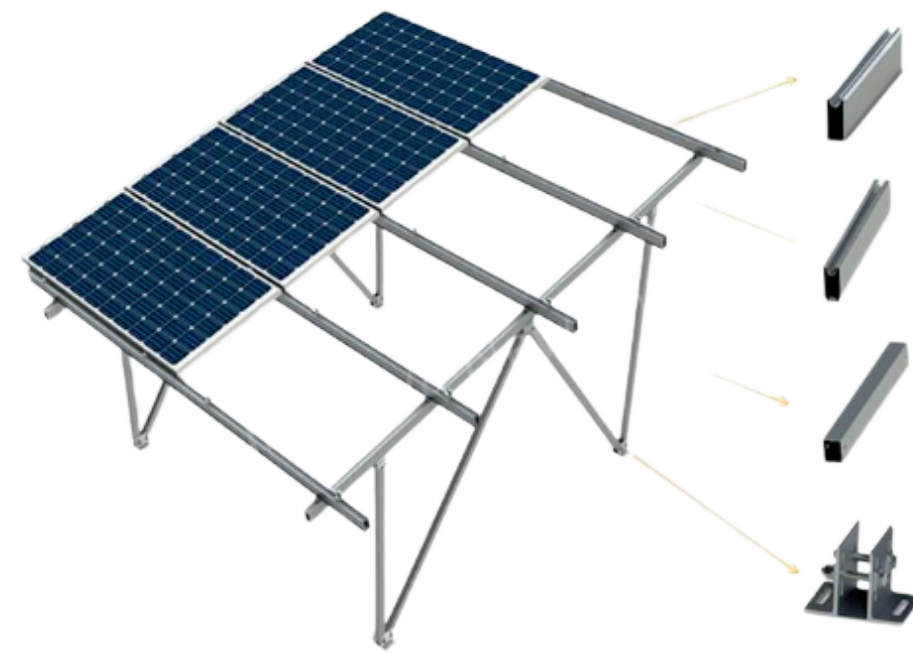
Micro Solar Inverter
500w 600w 700w

MOUNTINGS





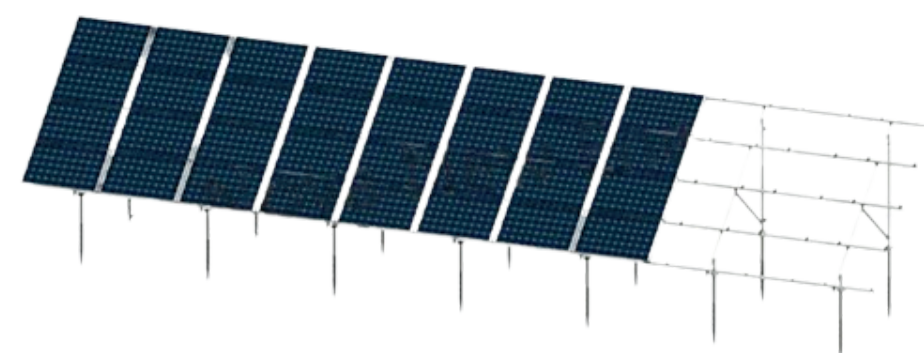
Ground Mounting System



Ground Mount Solar System
Application: Open terrain
Wind speed: Up to 79.2m/s (Australia wind region D)
Snow load: 100mm
PV module: Framed, unframed



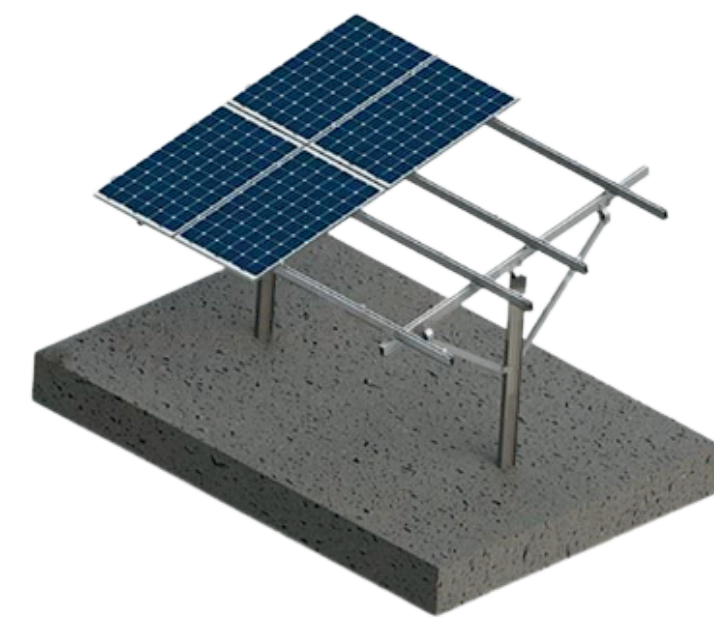
Ground Mounted Solar Structure
Application: Open terrain
Wind speed: Up to 79.2m/s (Australia wind region D)
Snow load: 100mm
PV module: Framed, unframed



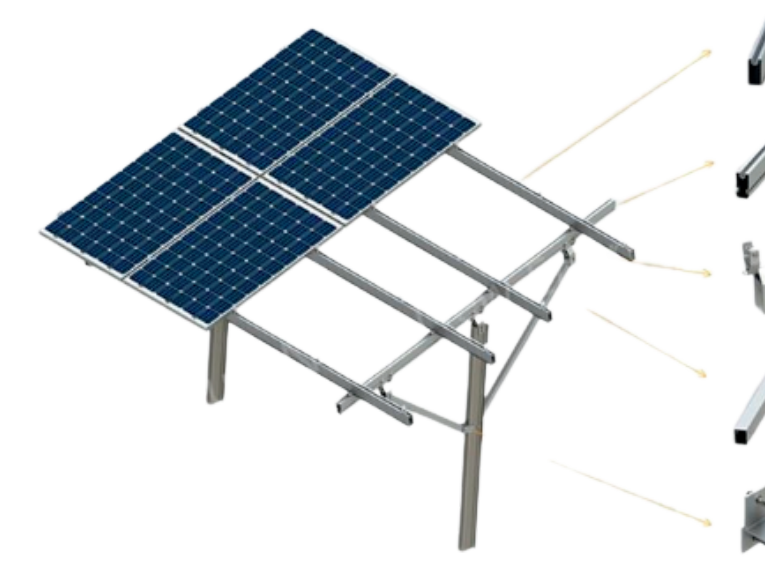
Hot-dip Galvanized Steel Ground PV Mounting System
Application: Open terrain
Wind speed: Up to 79.2m/s (Australia wind region D)
Snow load: 100mm
PV module: Framed, unframed



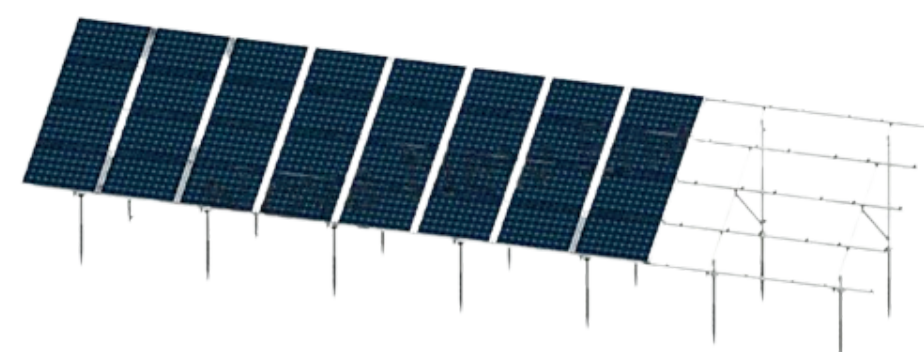
Fixed Tilt Racking System
Aluminum alloy as the base bearing system, high strength and corrosion resistance. Fixed Tilt Racking System installs the component to be few, the pre-install is high degree, reduces the construction difficulty, saves the time cost.



Solar Pile Fixed Ground Structure
Solar Pile Fixed Ground Structure is a kind of scheme developed to solve the non-uniformity of outdoor terrain or inconvenient construction. It is suitable for large commercial and power station projects.



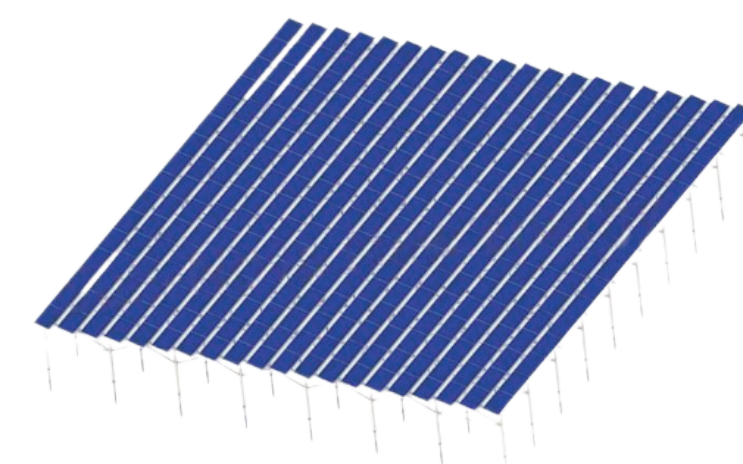
Solar Pile Ground Structure
Application: Open terrain
Wind speed: Up to 70m/s
Snow load: 100mm
PV module: Framed, unframed



Steel Solar Panel Mounts
Application: Open terrain
Wind speed: Up to 70m/s
Snow load: 100mm
PV module: Framed, unframed



Solar Summer House
Application: Open terrain
Wind speed: Up to 64m/s (Australia wind region C)
Snow load: 100mm
PV module: Framed, unframed



Aluminum Agriculture Solar Mounting Structure
Application: Farmland
Wind speed: Up to 64m/s (Australia wind region C)
Snow load: 150cm
PV module: Framed, unframed



Steel Agriculture Solar Mounting Structure
Application: Farmland
Wind speed: Up to 70m/s (Australia wind region C)
Snow load: 200cm
PV module: Framed, unframed

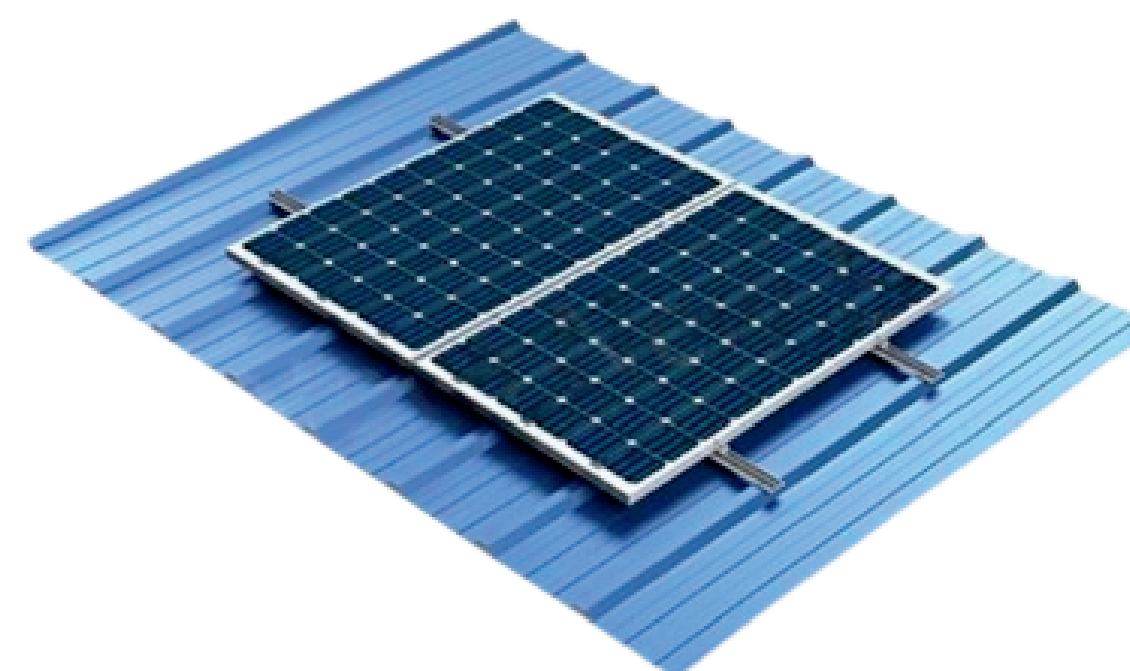


Roof Mounting System



Link Light Rail Expansion

Application: Metal Roof
Building Height: 20m
Wind speed: Up to 64m/s (Australia wind region C)
Snow load: 100mm



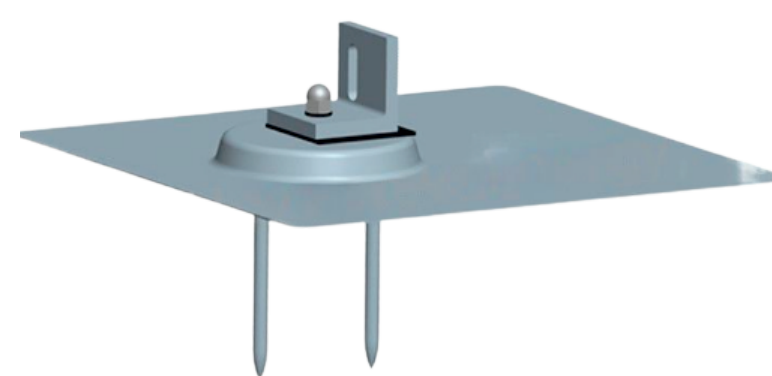
Railless System

Application: Metal Roof
Building Height: 20m
Wind speed: Up to 64m/s (Australia wind region C)
Snow load: 100mm



Tripod Leg System

Application: Flat Roof
Building Height: 20m
Wind speed: Up to 64m/s (Australia wind region C)
Snow load: 100mm



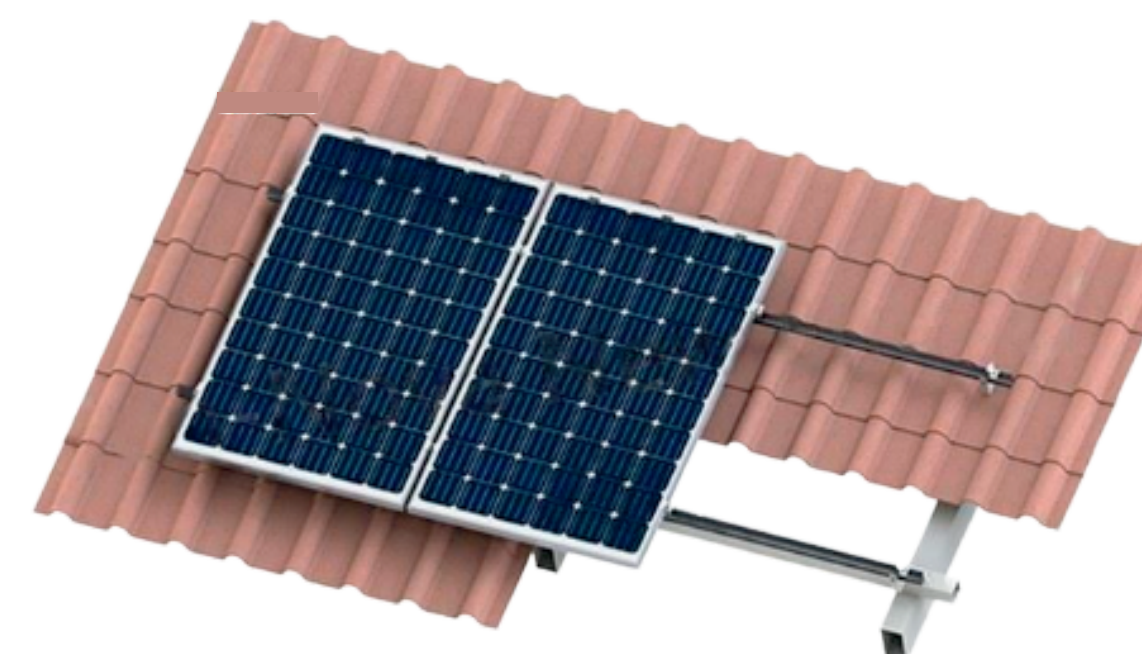
Asphalt Shingle Roof Solar Mount

Application: Asphalt shingle roof
Building Height: 20m
Wind speed: Up to 64m/s (Australia wind region C)
Snow load: 100mm



Ballasted Roof Mount Solar Racking

Application: Concrete Flat Roof
Building Height: 20m
Wind speed: Up to 64m/s (Australia wind region C)
Snow load: 100mm



Tile Roof Solar Mount

About Tile Roof Solar Mount which is usually used for the tile roof and its inclined installation part can be installed from any position of the aluminum rail, there is no need for on-site secondary processing of parts.



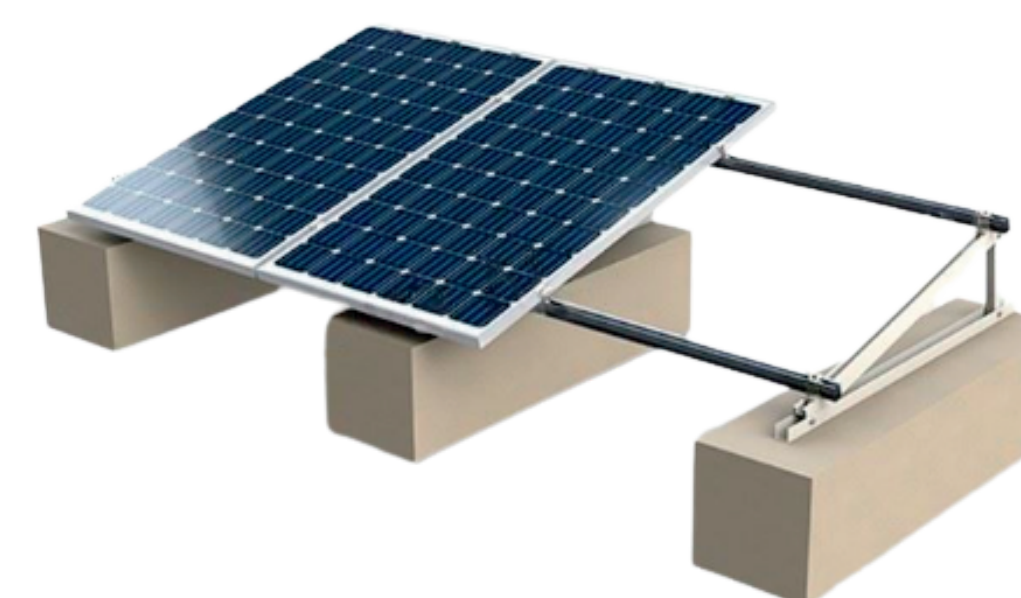
L Feet Solar

Application: Metal Roof
Building Height: 20m
Wind speed: Up to 64m/s (Australia wind region C)
Snow load: 100mm



Clamp Solar Mounting System

Wind speed: Up to 64m/s (Australia wind region C)
Snow load: 100mm
PV module: Framed, unframed



Tripod Solar System

Application: Flat concrete Roof/Tin roof
Wind speed: Up to 64m/s
Snow load: 100cm
PV module: Framed, unframed



Solar Accessories



Solar Ground Screw

Solar Ground Screw is a new type of basic structure material, some of which can be used to replace the traditional reinforced concrete pouring construction technology, and the use of building foundation is more flexible and fast.



Hot Galvanized Steel Ground Screw

Installation Site: Open field/ground
Material: Hot Dip Galvanized Q235B/Q345B
Diameter:76mm
Thickness:3.5mm/3mm



Solar Mid Clamp

Product Name: Mid Clamp/Universal Mid Clamp
Wind speed: Up to 64m/s (Australia wind region C)
Snow load: 100mm
PV module: Framed, unframed



Solar End Clamp

Product Name: End Clamp/Universal End clamps
Wind speed: Up to 64m/s (Australia wind region C)
Snow load: 100mm
PV module: Framed, unframed



Solar L Feet

Product Name: L Feet/Hanger Bolt
Wind speed: Up to 64m/s (Australia wind region C)
Snow load: 100mm
PV module: Framed, unframed



Solar Tile Hook

Product Name: Tile Hook
Wind speed: Up to 64m/s (Australia wind region C)
Snow load: 100mm
PV module: Framed, unframed



Solar Kliplok Clamps

Product Name: Kliplok Clamps (Rail and Railless Options)
Wind speed: Up to 64m/s (Australia wind region C)
Snow load: 100mm
PV module: Framed, unframed

Tracking System



ANT-Cloud-Multi-Actuator Single-Axis 2P Tracker
 Adopt 3/4 actuator drive through transfer bar, stable and reliable, become most-cost effective bifacial solution with shadow avoid design.



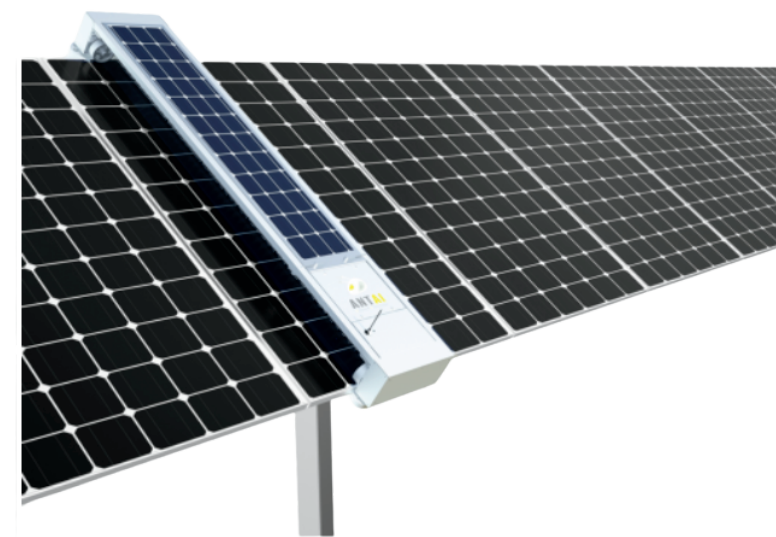
ANT-Cloud-Multiple Slew-Drive Single-Axis 2P Tracker
 Adopt trio slew-gear motor drive mode which can limit girder distortion risk and ensure stable operation and accurate transmission.



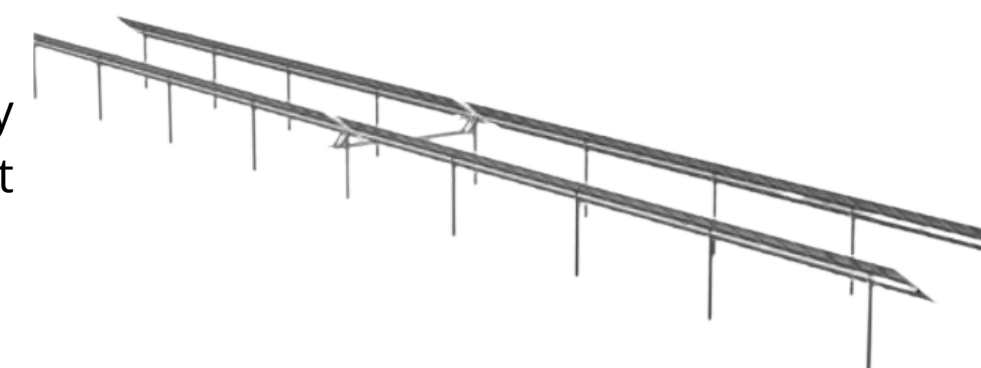
ANT-Surface-Multi-Actuator Single-Axis 1P Tracker
 Adopt multi-actuator drive mode with fast installation and operation. The cost effective system is stable and efficient and is suitable for large-scale solar plant with multiple field condition adaptation.



TAI-Simple Slew-Drive Single-Axis 1P Tracker
 Adopt slew-drive, enlarging tracking range. Compared with fix structure, it's accurate tracking and can achieve 10%-15% power generation augmented.

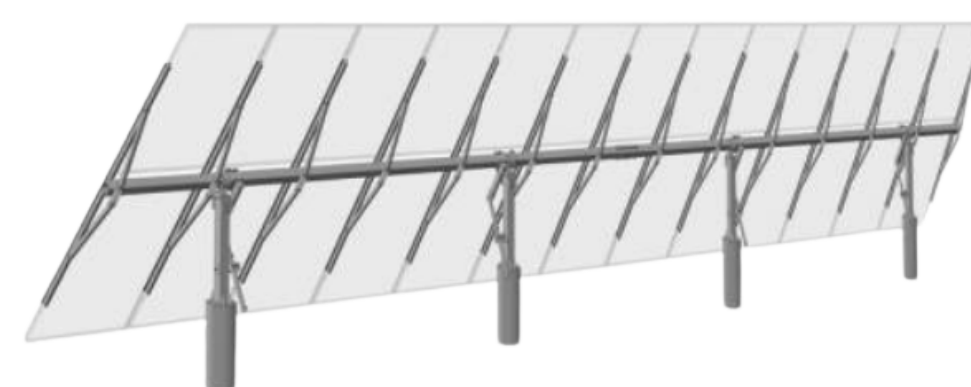


TAI-Space-Multiple Slew-Drive Single-Axis 1P Tracker
 Equipped with multi-slew drives and can be extremely extended up to five strings, which made it become best choice for large scale solar plant in flat terrain.



E-SPACE-Single Slew-Drive Dual-Row Linkage 1P Tracker
 Adopted single drive with central driveline, it's better fit for regions with low wind pressure. Dual-row linkage tracking mode make it perform well in complex terrain.

Racking System



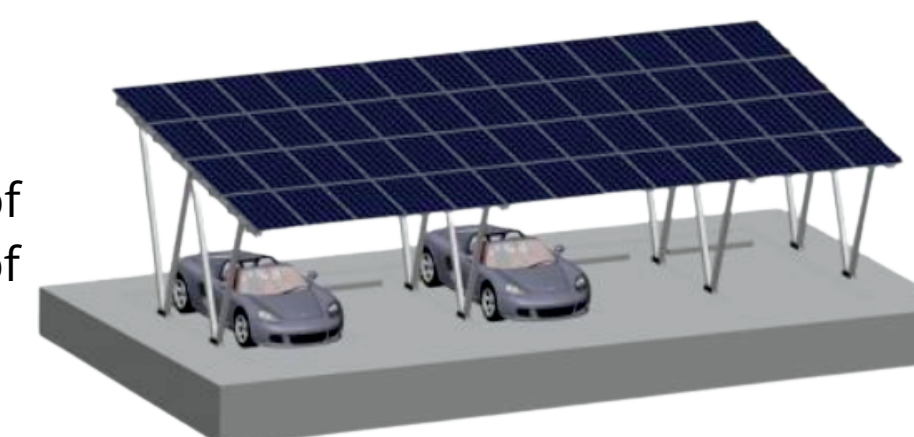
Angle-Adjustable Solar Mounting System
 The Angle-adjustable solar mounting system is designed to be adjusted to different angles for achieving better power generation according to different seasons.



Steel Carport Solar Mounting System
 The steel carport solar mounting system can achieve heating isolation and waterproof your car parking.

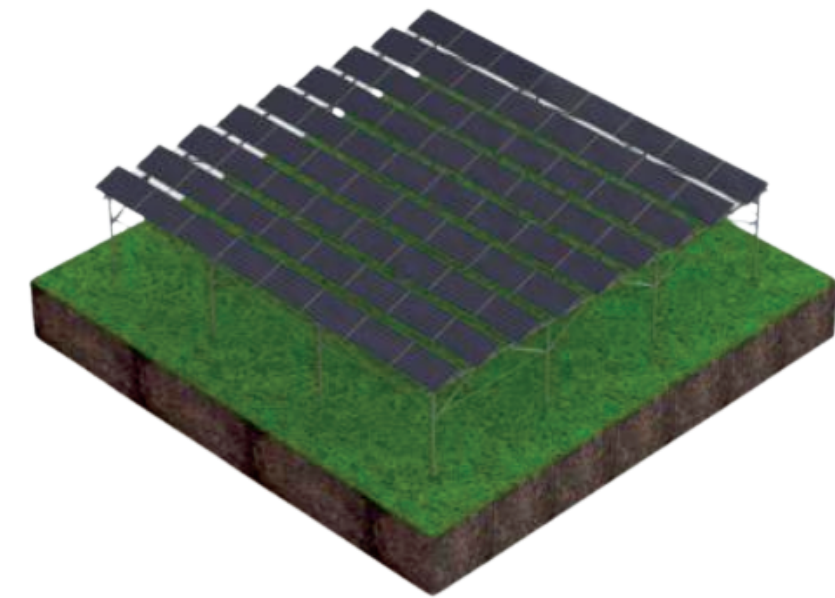


Waterproof Carport Solar Mounting System
 The waterproof carport solar mounting system is one of the advanced version to provide fully waterproof solution for parking lot shade.

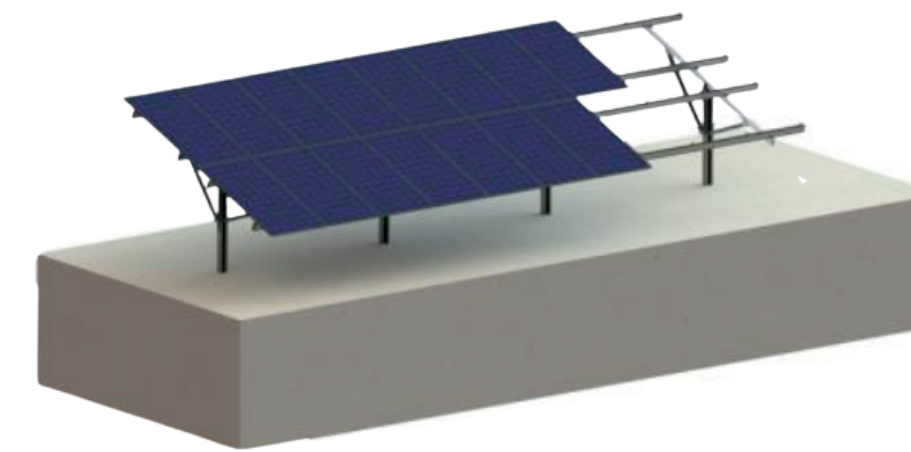


Aluminum Carport Solar Mounting System
 The carport solar mounting system provides valuable parking lot shade while generating clean energy for reduced utility costs.

Racking System



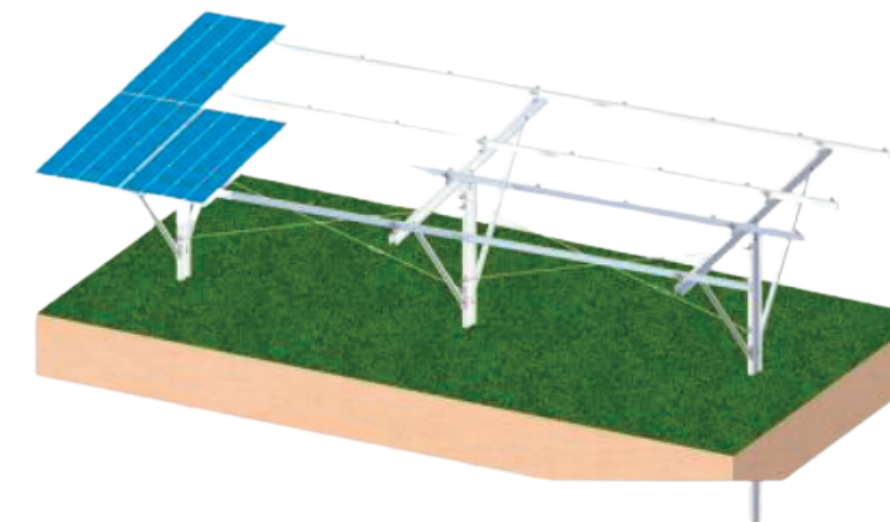
Agricultural Greenhouse Mounting System
The agricultural farmland mounting system provides the perfect combination for both electricity generation and cultivation.



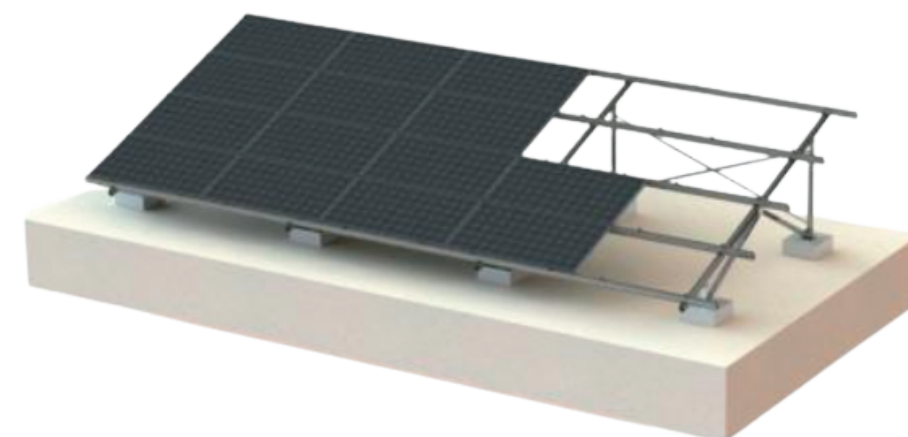
Pile Ground Mounting System
The pile ground mounting system is ideal for uneven terrain, which is single or double post available, can achieve east to west adjustment, economical for large projects.



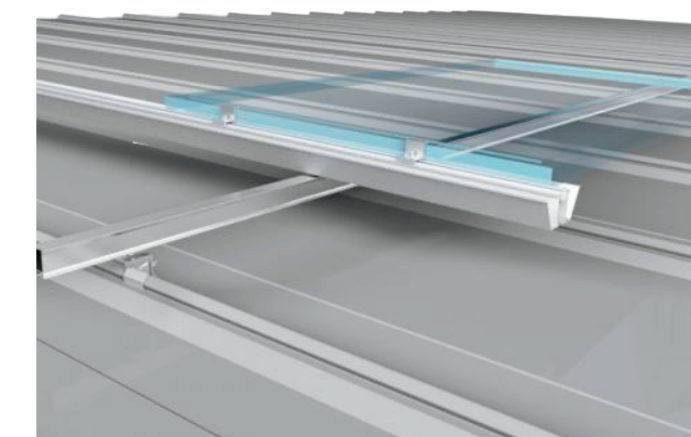
Biopost Grounding Mounting System
The Biopost grounding mounting system is ideal for large solar ground project installation on a non-sandy ground



Steel Ground Mounting System
The steel ground mounting system is the most economical ground mounting system for large scale solar plants.



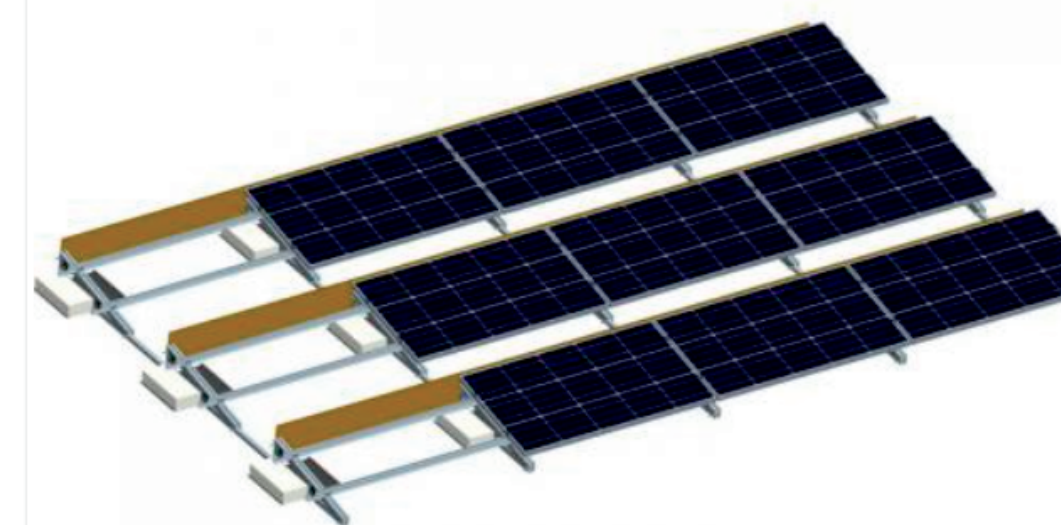
Aluminum Ground Mounting System
The aluminum ground mounting system is highly anti-corrosion and the most aesthetic structure for ground mount installations.



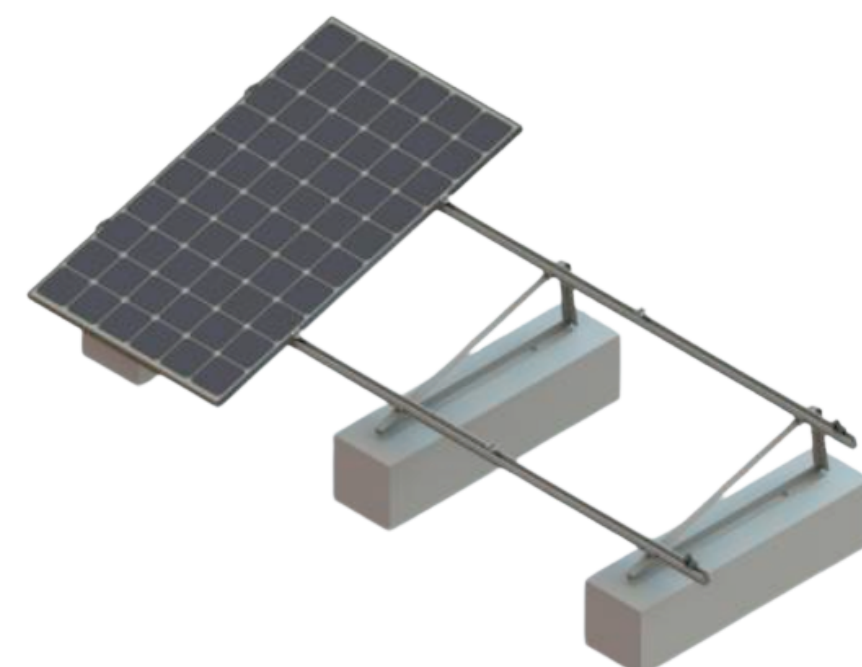
BIPV Roof Mounting System
The BIPV roof mounting system has full waterproof performance and greatly improved the service life for standing seam roof sheet.



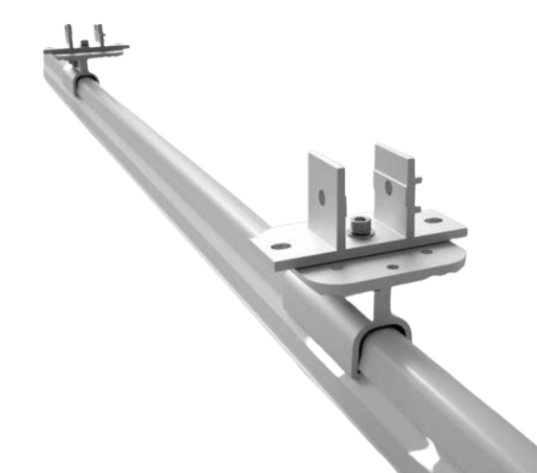
Rail-Free Ballasted Flat Mounting System
The rail-free ballasted flat mounting system is our newly developed product for your choice, a south-oriented racking solution for mounting framed modules on flat roofs with 5", 10" mounting tilts.



Non Penetrating Ballast Mounting Rack
The non penetrating ballast mounting rack is an ideal solution for use on industrial buildings with low admission additional loads. The system is delivered in compact form to save cost.

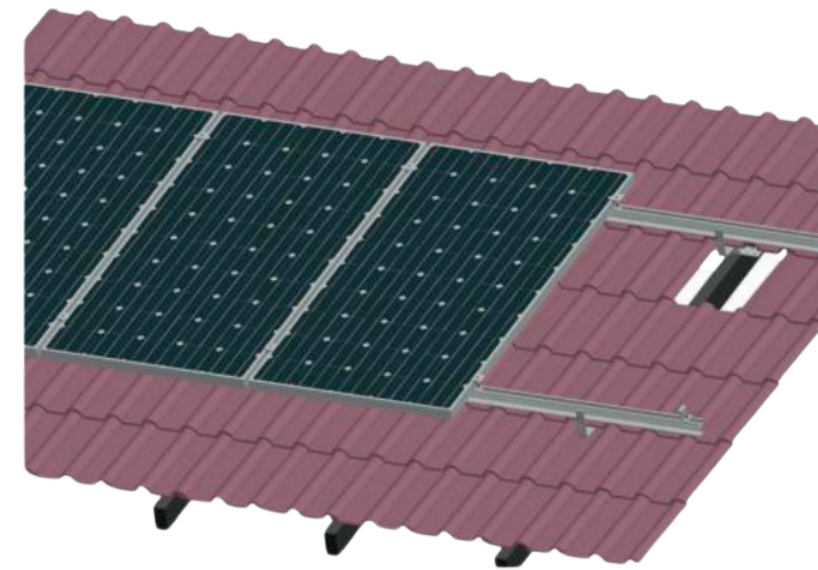


Triangle Flat Roof Mounting System
The triangle flat roof mounting system is a robust aluminum construction, the footing options for both ballasted solution and roof penetration.



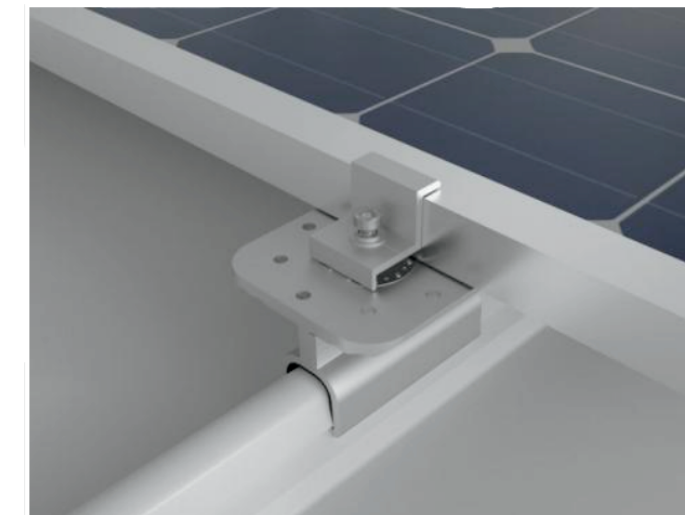
Adjustable Tilt Flat Roof Mounting System
The adjustable tilt flat roof mounting system can be set at a tilt angle from 10" to 60", which has great flexibility and can help to get the maximum solar power output.

Racking System



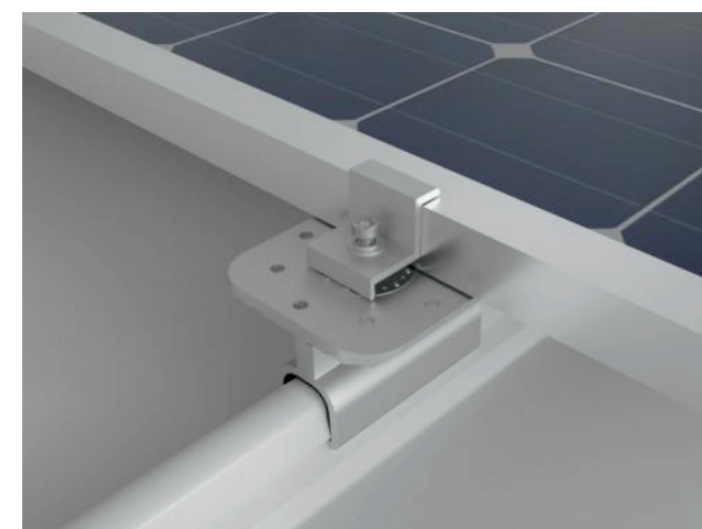
Tile Roof Solar Mounting System

The tile roof solar mounting system is suitable for roofing with pantiles and corrugated fibre cement, with wide range of different roof hook for the best choice.



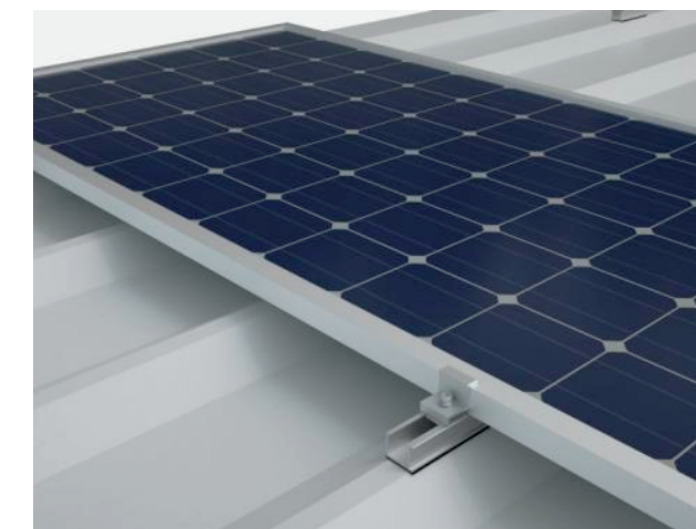
Metal Roof Mounting System

The metal roof mounting system is suitable for roofing with corrugated sheet metal, trapezoidal, metal sheet, L feet, hanger bolt is available as foot option.



Standing Seam Roof Mounting System

The standing seam roof mounting system is a headache free, no roof penetration mounting solution for metal roofs with standing seam design.



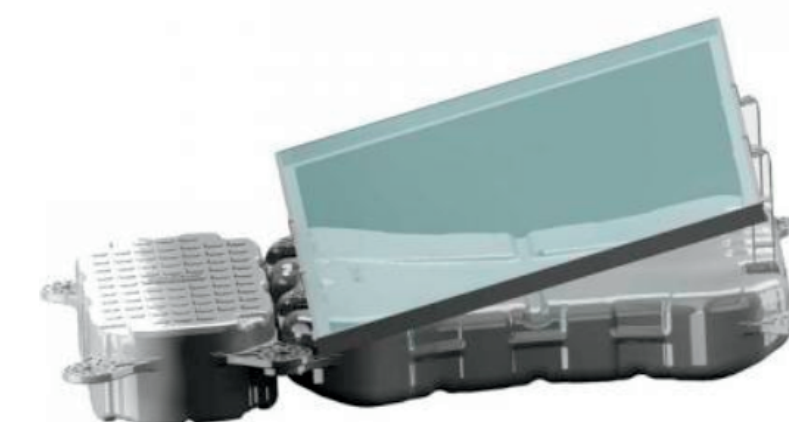
Rail-Less Metal Sheet Mounting System

The rail-less metal sheet mounting system is light, small, cost-effective, and easy to mount on trapezoidal metal sheet, allows for easy logistics.



Trapezoidal Metal Roof Mounting System

The trapezoidal metal roof mounting system is suitable for roofing with T-shape sheet metal, easy to install.



Floating PV Mounting System

The floating PV mounting system is compatible with framed or frameless module installation. Designed with good ventilation effect and flexibility, it can improve power generation efficiency and thus low LCOE.

Tracking System



SKYLINE
Independent Row 1P Tracker,
Stable, Reliable, Cost-effective

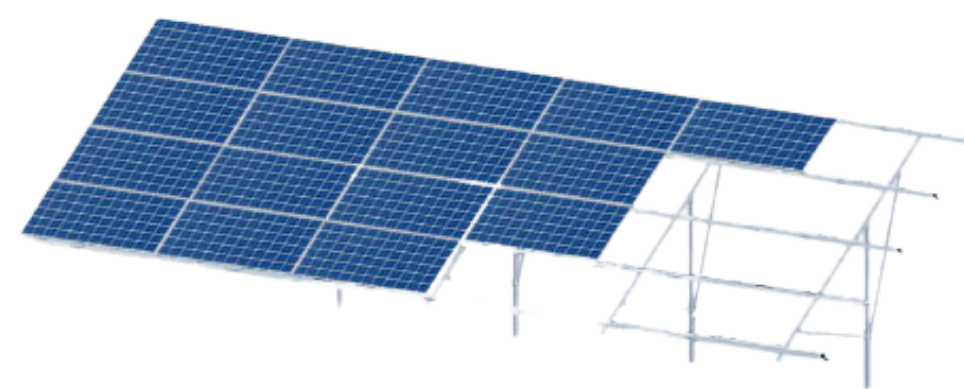


SKYLINE II
Single Axis Tracker, Multipoint Parallel Drive



SKYSMART II
Single Row, Double Performance, Triple Safety

Fixed Structure



Horizontal Single Pole Structure



Vertical Single Pole Structure

SINGLE POLE

- Excellent adaptability
- High level of pre-assembly, fast installation
- No welding at project site, no land leveling required



Horizontal Dual-Pole Fixed Structure



Vertical Dual-Pole Fixed Structure

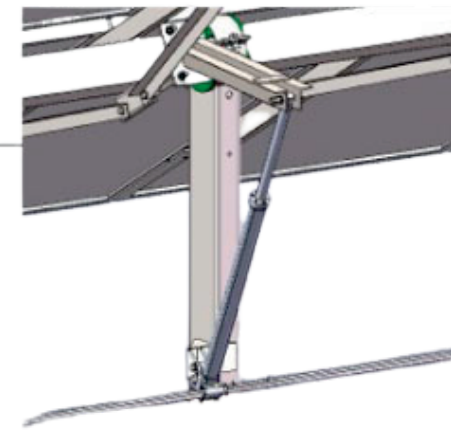
DUAL POLE

- High structure stability, long service life
- Concrete foundation, driving screw, and screw piles, are all applicable
- Highly pre-assembled, industry-leading installation speed
- No welding at the project site
- Fully integrated grounding and bonding structure

Fixed Structure



Continuously Adjustable Fixed Structure



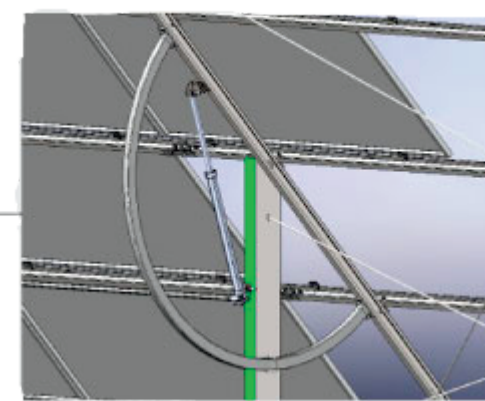
Actuator Adjustable

CONTINUOUSLY ADJUSTABLE FIXED STRUCTURE

- N-S 10°—60° is adjustable
- Applicable for all commercial modules
- Single rod push system is linked by a rod, adjustable, stable
- Adjusted manually or by a special electric motor



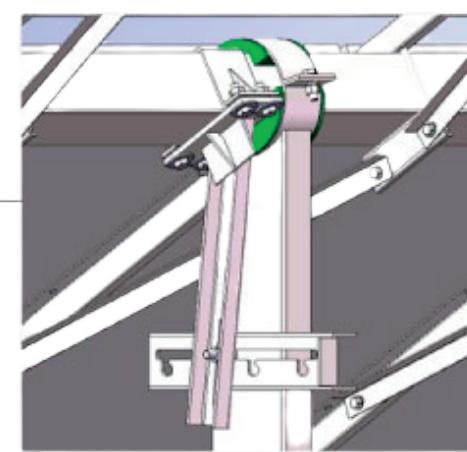
Actuator Adjustable R Tube Fixed Structure



Actuator Adjustable R Tube

ACTUATOR ADJUSTABLE R TUBE FIXED STRUCTURE

- N-S 10°—60° is adjustable
- Applicable for all commercial modules
- Independent arc fixation, high stability
- The same cost as fixed structure, but with higher power generation
- Adjusted manually or by a special electric motor



ADJUSTABLE FIXED STRUCTURE

- N-S 10°—60° is adjustable
- Applicable for all commercial modules
- All modules in a single group are fixed by the square tube, adjustable, stable
- Adjusted manually, no electric mechanical drive device, low maintenance cost

SOLAR ENERGY

Solar Design Engineering

Our experienced in-house solar engineering team has the capability to create layouts & simulations to optimize & drive your project. We take into account your location, weather reports, site constraints, installation type, electrical load information & more to produce the most efficient solutions. Our typical proposals include:

- Design Layout.
- Single Line Diagram (SLD)
- Simulation Report
- Shading Report
- BOM

We design all kinds of systems from on-grid utilities to off-grid, hybrid & sites requiring power storage. By utilizing our technical ability we can take the doubt away from what is required to make your project a success.



TOTAL SYSTEM SUMMARY:

TOTAL DC SYSTEM SIZE:	2.50 MW
AC SYSTEM SIZE:	2.00 MW
MODULE MANUFACTURE:	LONGI SOLAR
MODULE MODEL:	LR5-72HBD 545
MODULE STC DC RATING:	545W
MAX MODULES PER STRING:	16
MODULE QUANTITY:	4592
STRING QUANTITY:	287
MODULE TILT:	+/- 60°
TRACKER AXIS:	0°
INVERTER MANUFACTURER:	ATESS
INVERTER MODEL:	PCS500
INVERTER QUANTITY:	4
RACKING TYPE:	SINGLE AXIS TRACKER
RACKING MANUFACTURER:	ARCTECH SOLAR
RACKING SYSTEM:	SKYSMART II
QUANTITY OF TRACKER:	41
ROW TO ROW SPACING [GCR]:	13.29m [35%]
PROPERTY AREA:	11.28 ACRE
FENCE LENGTH:	1480 METER

DESIGNER:

JOG
 International Ltd.

DRAWING INDEX

GENERAL	
0001	TITLE SHEET
0002	SITE PLAN
0003	IRRADIANCE PLAN
0004	TOPO PLAN
0005	WETLAND AND FLOOD PLAN PLAN
E001	TRACKER AND STRING PLAN
E002	ONE LINE DIAGRAM
E003	EQUIPMENT DATASHEET

Solar Project Construction & Installation

At JOG we assist our clients to plan their on-site work & play an always open supporting role to ensure everything is prepared well in advance. Each component supplied will carry instructional documentation, video, or remote online training. There is no aspect of your project left to chance.



TOTAL SYSTEM SUMMARY:

TOTAL DC SYSTEM SIZE:	1.25 MW
AC SYSTEM SIZE:	1.00 MW
MODULE MANUFACTURE:	LONGI SOLAR
MODULE MODEL:	LR5-72HD 545
MODULE STC DC RATING:	545W
MAX MODULES PER STRING:	29
MODULE QUANTITY:	2320
STRING QUANTITY:	80
MODULE TILT:	+/- 60°
TRACKER AXIS:	0°
INVERTER MANUFACTURER:	SUNGROW
INVERTER MODEL:	SG250HX
INVERTER QUANTITY:	4
RACKING TYPE:	SINGLE AXIS TRACKER
RACKING MANUFACTURER:	AMCTECH SOLAR
RACKING SYSTEM:	SKYSMART II
QUANTITY OF TRACKER:	20
ROW TO ROW SPACING [GCR]:	13.29m (35%)
PROPERTY AREA:	5.20 ACRE
FENCE LENGTH:	502 METER

DESIGNER:



DRAWING INDEX

GENERAL	
G001	TITLE SHEET
G002	SITE PLAN
G003	IRRADIANCE PLAN
G004	TOPO PLAN
G005	WETLAND AND FLOOD PLAN PLAN
E001	TRACKER AND STRING PLAN
E002	ONE LINE DIAGRAM
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Having worked with electrical & solar supply chains in China since 2009 we have the knowledge & experience to procure the best products for your project. This can be a turn-key offering using the BOM created during the design phase so all equipment is supplied. This can include:

- Solar Panels (Mono, Poly, Bi-Facial)
- Inverters (On-Grid, Off-Grid, Hybrid)
- Battery Management Systems (Power Storage)
- Plug & Play Security Containers (House your critical components)
- Mounting Systems (Roof, Ground, Trackers)
- Monitoring Systems (Software included to easily see how your system performs)
- Distribution Boards (LV & HV)
- Transformers

Solar infrastructure projects are typically a big spend for a business, local government, or utility. It is key to your success to ensure the correct design & products are selected. JOG will support you and make it easy. Utilizing our knowledge & experience we can offer very good value for money, where there will be no waste. Direct from Factory to your site.

PROJECT REFERENCES

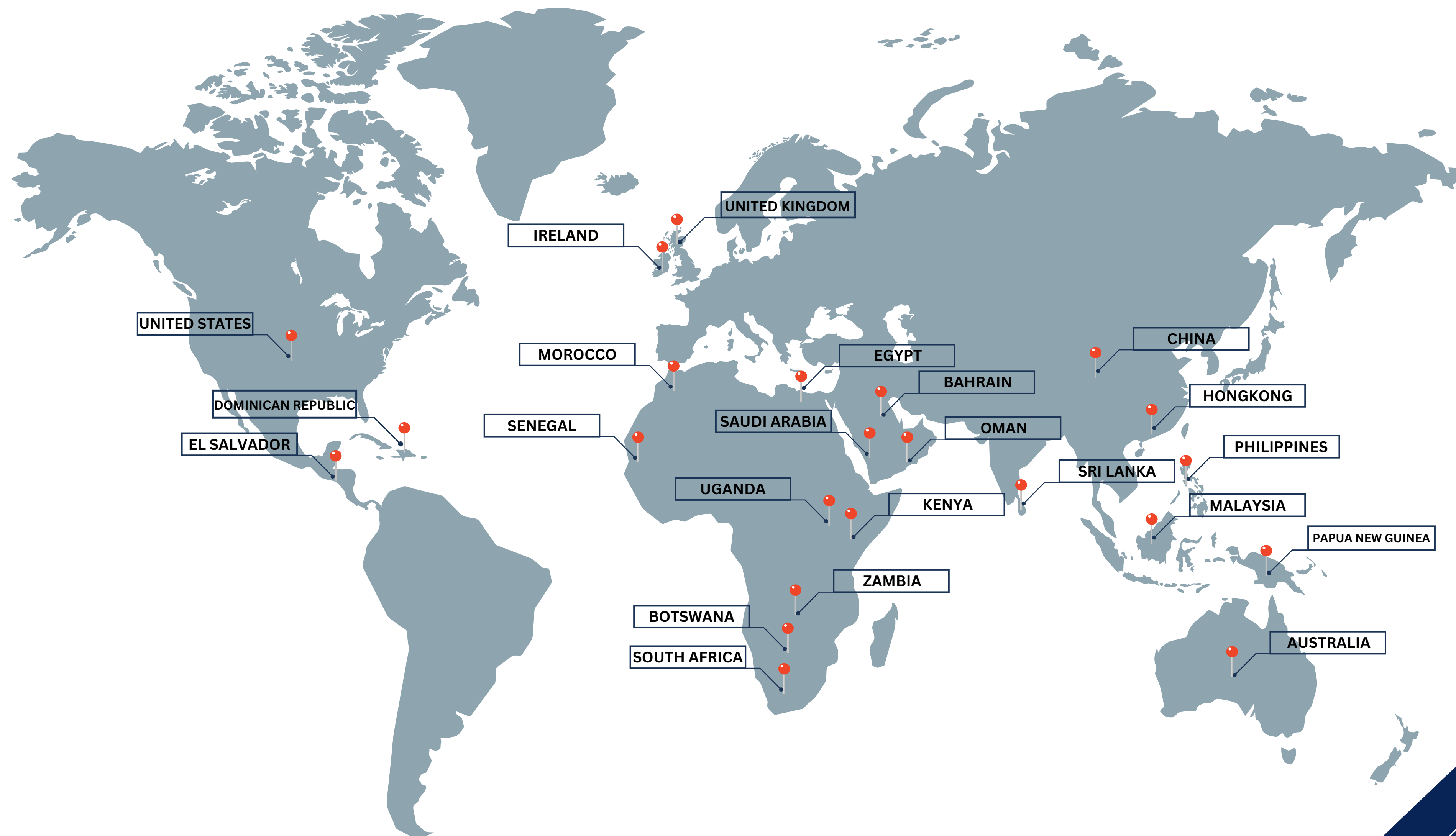


GET STARTED WITH JOG SOLAR TODAY

JOG International enables our clients to leverage our 20 years of experience & relationships in China with the best manufacturers in the solar industry. We ensure fast lead times, quality of products, and shipment for our valued clients. With JOG International our customers save time & money with the minimum of risk.

- Access 50+ solar suppliers with 1 partner
- Mix containers of solar products with no headaches
- Can ship to major ports worldwide
- Secure payment methods

Local Service Around The World



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CONTACT US