

PROINSO



2020 SOLAR CATALOGUE

GLOBAL

YOUR ONE-STOP-SHOP FOR SOLAR ENERGY SUPPLIES

At PROINSO, we integrate and distribute both products from our strategic manufacturer partners and products developed through our own technology division. We supply the full range of solar PV components including inverters, modules, structures, and complete balance-of-system, ensuring the best coverage for all our projects.



RESPONSIBLE PROCUREMENT

Not all solar is equal. We carefully select and audit our suppliers and partners throughout their life-cycles, including their management, environmental, and occupational health and safety standards. To source materials and suppliers with values and practises aligned with PROINSO Group, we require all our suppliers to have ISO 19001, ISO 14001, OSH 18001 certifications and adhere to the Anti-Slavery Act.

GLOBAL SUPPLY SERVICES



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INVERTERS





SMA inverters are known for their technological, operating and warranty excellence. SMA portfolio includes a wide range of inverters for all types of modules, coming in a variety of power sizes and applications ranging from households and off-grid systems to industrial systems and solar farms. Inverters manufactured by SMA Solar Technology AG have been officially crowned zero carbon following an independent audit.

EXPLORE OUR COMPLETE PORTFOLIO OF SMA PRODUCTS EUROPEAN PRODUCTS - IEC



SUNNY TRIPOWER CORE2



SUNNY TRIPOWER CORE1
STP 50-40



SUNNY HIGHPOWER PEAK3
STP 50-40



**SUNNY HIGHPOWER
PEAK1**



SUNNY TRIPOWER 60
STP 60-10 /
STP 60-10 (IEC AND JP)



SUNNY BOY
1.5 / 2.5



SUNNY BOY
3.0 / 3.6 / 4.0 / 5.0



SUNNY TRIPOWER
3.0 / 4.0 / 5.0 / 6.0



SUNNY TRIPOWER
8.0 / 10.0



SUNNY BOY
3.0/3.8/5.0/6.0/
7.0/7.7



SUNNY BOY
5.5-JP



SUNNY BOY
4500TL-JP / 5400TL-JP



SUNNY TRIPower
15000TL / 20000TL / 25000TL



SUNNY TRIPower
12000TL / 15000TL / 20000TL
/ 24000TL / 30000TL



SUNNY TRIPower
25000TL-JP



SUNNY BOY STORAGE
3.7/5.0/6.0



SUNNY BOY STORAGE
2.5



SUNNY ISLAND
4.4M / 6.0H / 8.0H



SUNNY ISLAND
4548-US / 6048-US



SUNNY TRIPower STORAGE
60

EXPLORE OUR COMPLETE PORTFOLIO OF SMA PRODUCTS AMERICAN PRODUCTS - UL



SUNNY BOY
3.0-US-41 - 7.7-US-41



SUNNY TRIPower
12000TL-US / 15000TL-US /
20000TL-US / 24000TL-US /
30000TL-US



SUNNY TRIPower CORE1
33-US / 50-US / 62-US



SUNNY HIGHPOWER PEAK3



Tigo® is a Silicon Valley company founded in 2007 by a team of experienced technologists. Combining a unique systems-level approach with expertise in semiconductors, power electronics, and solar energy, the Tigo team developed the first-generation Smart Module Optimizer technology for the solar industry. Tigo's vision is to leverage integrated and retrofitted Flex MLPE and communications technology to drive the cost of solar electricity down. By partnering with Tier-1 module and inverter manufacturers in the industry, Tigo is able to leverage the broader ecosystem and focus on its key innovation with the smartest TS4 modular platform. Tigo has operations in the USA, Central and South America, the Caribbean, Europe, Japan, China, Australia, the South Pacific, and the Middle East.

EXPLORE OUR COMPLETE PORTFOLIO OF TIGO PRODUCTS



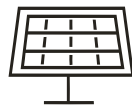
Energy TS4-A-O
Optimization Module



Energy TS4-A-F
SunSpec Rapid
Shutdown Module

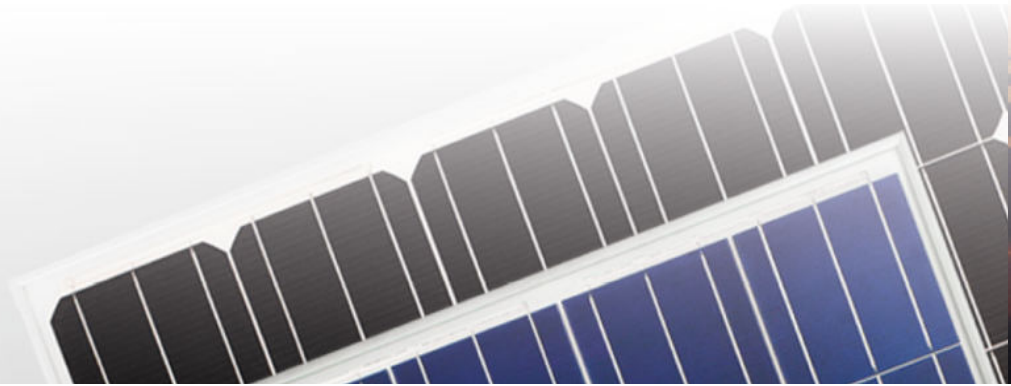


Energy Cloud Connect
Advanced CCA
Outdoor Kit



PANELS





JinkoSolar (NYSE: JKS) is a global leader in the solar industry with an integrated annual capacity of 10.5 GW for silicon wafers, 7.0 GW for solar cells, and 11.0 GW for solar modules, as of March 31, 2019. Jinko has been repeatedly ranked as the number 1 module manufacturer by global shipments. In addition to being ranked as a top solar brand in debt financed projects, it was named the most “bankable” PV manufacturer by Bloomberg New Energy Finance (BNEF).

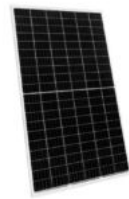
EXPLORE OUR COMPLETE PORTFOLIO OF JINKO PRODUCTS



EAGLE
60 / 72



EAGLE PERC
60 / 72



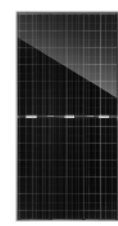
CHEETAH HC
60M / 72M



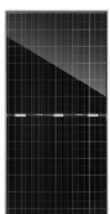
CHEETAH
60M / 72M



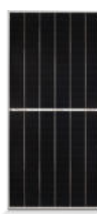
CHEETAH DUAL
60M / 72M



SWAN BIFACIAL HC
60M / 72M



SWAN BIFACIAL
60H / 72H

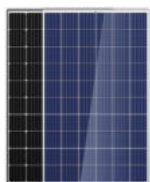


TIGER PRO
72TR / 78TR



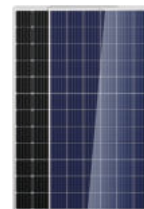
As the world's leading provider of smart solar solutions, Trina Solar delivers PV products, applications and services to promote global sustainable development. Through 2017, Trina Solar has delivered more than 32GW of solar modules worldwide, accounting for more than 10 percent of global market share. This makes it the largest solar module supplier in the world and earned Trina the 13th spot on the "2016 Global Top 500 New Energy Enterprises".

EXPLORE OUR COMPLETE PORTFOLIO OF TRINA SOLAR PRODUCTS



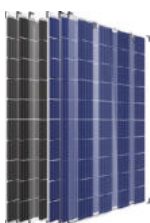
60 CELL PV MODULES

ALLMAX - PE05A /
ALLMAX - DE05A (II) / HONEY - PD05 /
HONEY M PLUS - DD05A.05 (II) /
HONEY M PLUS - DD05A.08 (II)



72 CELL PV MODULES

TALLMAX - PD14 / TALLMAX-PE14A /
TALLMAX M PLUS - DD14A(II) /
TALLMAX M PLUS - DE14A(II)



DUAL GLASS 60-CELL MODULES

DUOMAX - PEG5 /
DUOMAX M PLUS - DEG5(II) /
DUOMAX TWIN - DEG5C.07(II)



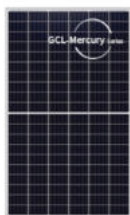
DUAL GLASS 72-CELL MODULES

DUOMAX - PEG14 /
DUOMAX M PLUS - DEG14 (II)

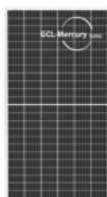


GCL offers a wide range of monocrystalline and polycrystalline modules for a variety of application environments, including modules of standard 60/72-piece, dual-glass, high-efficiency polysilicon PERC, and half-cell etc. With module production capacity of 6GW, GCL is a world-class module producer rated as Tier 1 by Bloomberg and ranking among the top six globally for three consecutive years.

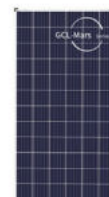
EXPLORE OUR COMPLETE PORTFOLIO OF GCL PRODUCTS



GCL-M3/60



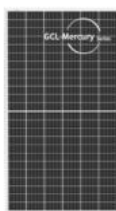
GCL-M3/72



GCL-P6/72 GD



GCL-P6/60 GD



GCL-P6/60 GD



GCL-P3/72



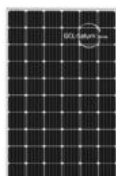
GCL-P3/60



GCL-P6/72



GCL-M6/72



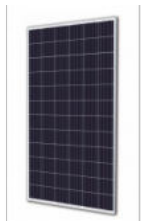
GCL-M6/60



Talesun Solar Technologies is an international manufacturer of solar cells and modules: European premium quality level linked with an excellent price-performance ratio.

Founded in 2010, Talesun Solar Technologies mother company is Zhongli Group which counts 29 years of experience. Talesun Solar Technologies is a worldwide leading manufacturer of photovoltaic solar cells and modules of high quality. Talesun is ranked in Tier 1 of Bloomberg New Energy Finance.

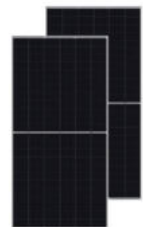
EXPLORE OUR COMPLETE PORTFOLIO OF TALESUN PRODUCTS



POLY PIPRO
TP672



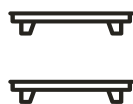
HIPRO
TP672M



BISTAR
9BB-TP6L72M



BIPRO
TD6I72M 166MM



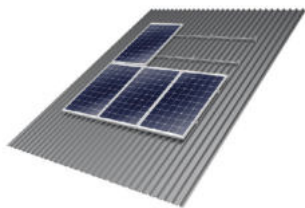
STRUCTURES





Mounting Systems' portfolio includes a variety of high-quality structures suitable for all possible roof coverings and inclinations. The mounting systems for pitched roofs differ primarily in the used roof covering. In the case of tiled roofs, the use of pitched systems is recommended. For direct connection to the trapezoidal sheet metal or similar metal roof skins, we recommend the trapezoidal mounting system.

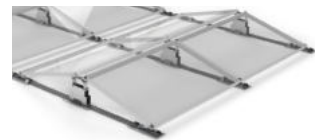
EXPLORE OUR COMPLETE PORTFOLIO OF MOUNTING SYSTEMS PRODUCTS



ON ROOF



IN ROOF



FLAT ROOF



GROUND MOUNT



Praxia designs and manufactures ground-mount structure installations (both monopile and double-pile), roof-top structures (flat and oriented), solar trackers of single axis and parking shelters. The company is specialised in producing customised structures designed by its engineers according to the calculation regulations of each country, based on the information provided by the client, such as location, type of structure, inclination, panel configuration and geotechnical report.

EXPLORE OUR COMPLETE PORTFOLIO OF PRAXIA PRODUCTS



1 MODULE PORTRAIT



2 MODULES PORTRAIT



3 MODULES PORTRAIT



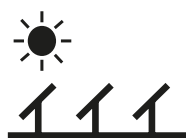
2 MODULES LANDSCAPE



3 MODULES LANDSCAPE



4 MODULES LANDSCAPE



TRACKING SYSTEM





MECASOLAR is a world-leading manufacturer of solar tracking systems with a strong commitment to customer service. MECASOLAR's solar tracking systems have been delivered to more than 45 countries over the last 15 years, demonstrating the company's expertise in overcoming technical challenges all around the world. Within this time MECASOLAR has designed and manufactured some of the most innovative tracking solutions, achieving a leading position in the solar systems market.

EXPLORE OUR COMPLETE PORTFOLIO OF MECASOLAR PRODUCTS



**SOLAR TRACKERS
SUNRIDER SINGLE AXIS
(SINGLE ROW)**



ENERGY STORAGE





Tesvolt specialises in lithium-ion battery storage for commercial enterprises that operates at both low and high voltages and can be connected to all power generators: solar, wind, water, biogas and combined heat and power. The founders worked on their own battery control technology to make their products as durable and economical as possible, resulting in Tesvolt's award-winning battery management system that pays for itself within just a few years.

EXPLORE OUR COMPLETE PORTFOLIO OF TESVOLT PRODUCTS



**TESVOLT TS 25 (48V)
STORAGE SYSTEM**



**TESVOLT TS 40 (48V)
STORAGE SYSTEM**



**TESVOLT TS 50 (48V)
STORAGE SYSTEM**



**TESVOLT TS HV 70
STORAGE SYSTEM**



**TESVOLT TS HV 70 OUTDOOR
STORAGE SYSTEM**



**TESVOLT TPS
STORAGE SYSTEM**



Relying on the advanced iron-phosphate battery technology, BYD can meet the requirements for energy storage, peak-load shifting and peak load/frequency regulation. By improving supporting facilities for renewable energy generation, promoting ancillary service for the power market, and aiding the transition to clean energy worldwide, BYD is building a clean and sustainable future. BYD has taken the lead in developing a new business model known as PV+Storage, aimed at eliminating bottlenecks in traditional photovoltaic power generation and meeting diverse market needs.

EXPLORE OUR COMPLETE PORTFOLIO OF BYD PRODUCTS



BYD B-BOX 2.5



BYD B-BOX 5.0



BYD B-BOX 7.5



BYD B-BOX 10.0



**BYD BATTERY-BOX
10.24KWH LITHIUM IRON
PHOSPHATE LIFEPO4
BATTERY**



EV CHARGERS & CARPORTS

wallbox



Wallbox is a company whose main goal is to design, manufacture and distribute innovative charging systems to support the advent of sustainable transport. Wallbox's aim is to accelerate the change into more sustainable ways of transportation by providing a comprehensive, simple and effective solution for the charging of electric vehicles.

EXPLORE OUR COMPLETE PORTFOLIO OF WALLBOX PRODUCTS



PULSAR PLUS 1



COPPER C



COMMANDER 2

PROINSO

PROFESSIONALS IN SOLAR



3GW
PROJECTS SUPPLIED



2.2GW
DEVELOPMENT
EXPERIENCE



10+ YEARS
EXPERIENCE
IN SOLAR



20+ OFFICES
ON 5 CONTINENTS



2,500
QUALIFIED
INSTALLERS



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