



Green energy trading
The source is Yours.



CATALOGUE **03** 2024

COMPONENTS FOR SOLAR
 POWER PLANTS



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NEWS

Dear business partners, welcome to the first edition of the catalog from Green Energy Trading s.r.o. for the year 2024.

On page 4, you will find our special offer of stock supplies of photovoltaic panels, available immediately in Znojmo, whether in pallet quantities or smaller quantities. For those of you seeking larger volumes, starting from page 18, we present the option to purchase container quantities at favorable prices. For specific price quotes and transportation options, please contact us.

A significant portion of our stock in Znojmo consists of products from Canadian Solar, including full-black panels with a power output of 400Wp, panels with a black frame ranging from 405Wp to 460Wp, and silver-framed panels with a power output of 545Wp. We also offer panels with TOPCon technology in a black frame with power outputs of 420Wp and 425Wp from the same manufacturer, as well as products from Leapton with a power output of 460Wp. Newly added to our offering are N-type bifacial panels with TOPCon technology and a power output of 570Wp from Canadian Solar. We also provide frameless flexible solar panels from Sunman, offering the advantage of low weight compared to traditional glass modules. They are suitable wherever the building's statics do not allow for heavy loads. The panels are adhered with a special adhesive under the supervision of a manufacturer-trained expert.

Beginning in March, we will stock full-black panels from Jolywood with a power output of 435Wp and N-type bifacial technology. Around the transition from July to August, additional panels will be stocked, this time with a black frame, from Canadian Solar – bifacial panels with TOPCon technology and a power output of

500Wp, as well as N-type double glass panels with a power output of 455Wp.

Pages 6-14 introduce a wide range of batteries and battery sets, inverters, chargers, and other accessories from reputable manufacturers. We offer single-phase and three-phase inverters from Deye, batteries from Dyness, the popular battery set Dyness Tower T10, as well as products from GoodWe, Pylontech, and SolaX. For German-speaking customers, we recommend Fronius inverters. From Huawei, we provide high-voltage batteries, inverters, and accessories for both commercial and residential use. We have also expanded our offering to include batteries and battery sets from BYD and newly included Tigo disconnectors.

In section 15-17, you will find our solutions for constructions suitable for both sloped and flat roofs.

We are committed to providing excellent technical support and training, which you can learn about on our website www.getrad-ing.eu, through newsletters, or on social media.

To simplify and expedite your ordering process, we have introduced a new B2B e-shop. For access credentials and further information, please contact your sales representative.

We look forward to collaborating and contributing to the growth and success of your business in the field of renewable energy sources.

The source is Yours.

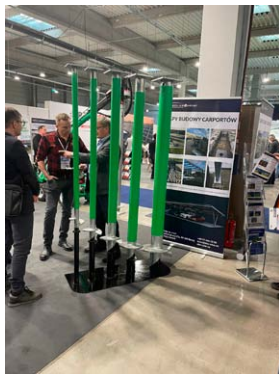
Renewable Energy Expo Solar Energy Expo at EXPO PTAK WARSZAWA

In January 2024, we participated in the Solar Energy Expo, held at the prestigious Ptak Warsaw Expo, the largest exhibition and congress center in Central Europe. This event opened doors to the future of renewable energy sources and showcased a wide range of innovative solutions, ranging from agro-photovoltaics to the latest advancements in photovoltaic technologies.

While some well-known brands like SOLAX did not participate in the expo, the Solar Energy Expo attracted many significant names in the

field of renewable energy sources, including Canadian Solar, Jinko, and JA Solar. These companies presented their latest products and technologies, indicating the direction the industry is heading. Special attention was given to the containerized battery storage system from Zetabess with a capacity of up to 2MW and a lifespan of 6000 cycles, signaling significant progress in energy storage.

Participation in the Solar Energy Expo provides an invaluable opportunity for anyone actively involved in shaping the future of renewable energy sources. Whether as exhibitors, industry experts, or visitors seeking inspiration and new business opportunities, the expo is a key platform for exchanging ideas and establishing connections.



REFLECTION ON THE YEAR 2023

The year 2023 marked a period of significant growth and development for us. Our efforts were focused on expanding the range of photovoltaic panels, containers, and cutting-edge technologies, resulting in remarkable sales growth. This success not only allowed us to increase our warehouse capacity but also strengthened relationships with customers, whose numbers significantly grew throughout the year.

Simultaneously, we experienced a significant increase in the number of our employees, demonstrating our commitment to continuous growth and the provision of quality services. This growth and de-

velopment are evidence of our ability to respond to the dynamically changing market and technological advancements, reinforcing our position as leaders in the field of renewable energy sources.

The visualization of our success is depicted in the attached image, providing an overview of key milestones and achievements we reached in the year 2023. Our commitment to innovation and sustainable development continues, and we look forward to another year full of challenges and successes.



Panels sold

69020



Containers

82



MWp

31.069



Satisfied customers

999+



Inverters

1683



Battery sets

1440



Employees

17



Storage area

1100

CanadianSolar

type	
001	Canadian Solar CS6R-400MS fullblack PERC IN STOCK 400 Wp 20,50% mono 108 cells 1722×1134×30 mm 21,3 kg 12/25 years 35 pcs/pal.
002	Canadian Solar CS6R-405MS black frame PERC IN STOCK 405 Wp 20,70% mono 108 cells 1722×1134×30 mm 21,3 kg 12/25 years 35 pcs/pal.
003	Canadian Solar CS6R-420T black frame TOPCon IN STOCK 420 Wp 21,50% mono 108 cells 1722×1134×30 mm 21,3 kg 12/25 years 35 pcs/pal.
004	Canadian Solar CS6R-425T black frame TOPCon IN STOCK 425 Wp 21,80% mono 108 cells 1722×1134×30 mm 21,3 kg 12/25 years 35 pcs/pal.
005	Canadian Solar CS6L-455MS black frame PERC IN STOCK 455 Wp 21,10% mono 120 cells 1903×1134×30 mm 24,2 kg 25/25 years 35 pcs/pal.
006	Canadian Solar CS6.1-54TD-455 black frame TOPCon double glas 6/2024 455 Wp 22,30% N-type 108 cells 1800×1134×30 mm 22,7 kg 25 years 87,4%/30 years 35 pcs/pal.
007	Canadian Solar CS6.1-60TB-500 black frame TOPCon BIFACIAL 6/2024 500 Wp 22,10% N-type 120 cells 1994×1134×30 mm 28,4 kg 25 years 87,4%/30 years 35 pcs/pal.
008	Canadian Solar CS6W-545MS PERC IN STOCK 545 Wp 21,10% mono 144 cells 2278×1134×30 mm 27,6 kg 12/25 years 35 pcs/pal.
009	Canadian Solar CS6W-570T TOPCon IN STOCK 570 Wp 22,10% mono 144 cells 2278×1134×30 mm 27,6 kg 12/30 years 35 pcs/pal.

中来股份 JOLYWOOD

type	
010	Jolywood JW-HD108N-435 FB fullblack TOPCon BIFACIAL IN STOCK 435 Wp 22,27% N-TYPE 108 cells 1722×1134×30 mm 24,5 kg 25/30 years 36 pcs/pal.

LEAPTON SOLAR

type	
011	Leapton LP182×182-M-60-MH-460W black frame PERC IN STOCK 460 Wp 21,25% mono 120 cells 1909×1134×30 mm 23 kg 15/25 years 36 pcs/pal.

SUNMAN Lightweight Solar Pioneer

type	
012	Sunman eArc SMF430F-12X12UW 430Wp 10 WD 430 Wp 19,40% mono silicon cells 2054×1080×2 mm 7,2 kg 12 years 84,8%/25 years 66 pcs/pal.
013	Sunman eArc SMF520J-12X12UW 520Wp 10 WD 520 Wp 19,30% mono silicon cells 2246×1197×2 mm 8,6 kg 12 years 84,8%/25 years 66 pcs/pal.



In recent years, renewable energy sources have become a key element in efforts to reduce carbon emissions and combat climate change. Among the leading companies excelling in innovation in this field is Canadian Solar. Founded in 2001, the organization has been publicly traded on the NASDAQ stock exchange since 2006. Over the subsequent years, it has expanded its presence to more than 30 countries and employs over 20,000 people. The company's commitment to providing high-quality solar and energy solutions clearly reflects its vision to be a leader in the clean energy sector.

Canadian Solar holds a majority stake in CSI Solar Ltd., which recently conducted an initial public offering of shares on the Shanghai Stock Exchange, underscoring its ambitions to continue expanding and innovating. As a prominent manufacturer of solar modules and battery storage, CSI Solar Ltd. offers a wide range of system solutions, facilitating customers' transition to sustainable energy sources.

With plans to expand its manufacturing capacity to 61 GW by the end of 2024, Canadian Solar aims to strengthen its market position by increasing efficiency and reducing production costs.

Recurrent Energy, a subsidiary of Canadian Solar, is a leading global developer of clean energy projects with extensive experience in implementing solar and battery projects. With a solar project portfolio of 26.0 GWp and extensive plans for battery storage development, Recurrent Energy plays a crucial role in transforming the energy sector towards more sustainable sources.

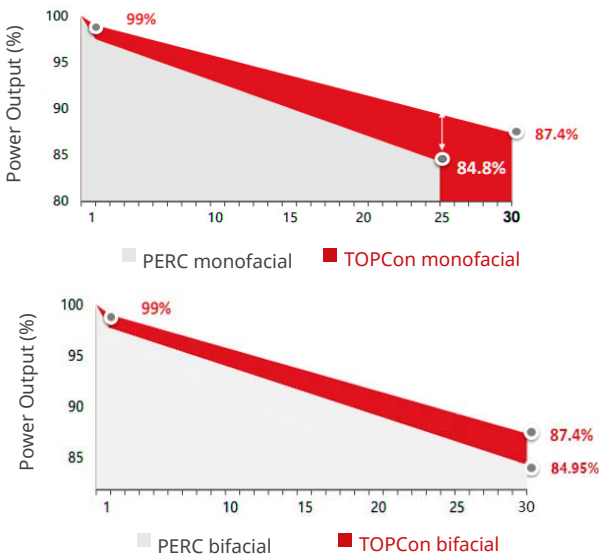
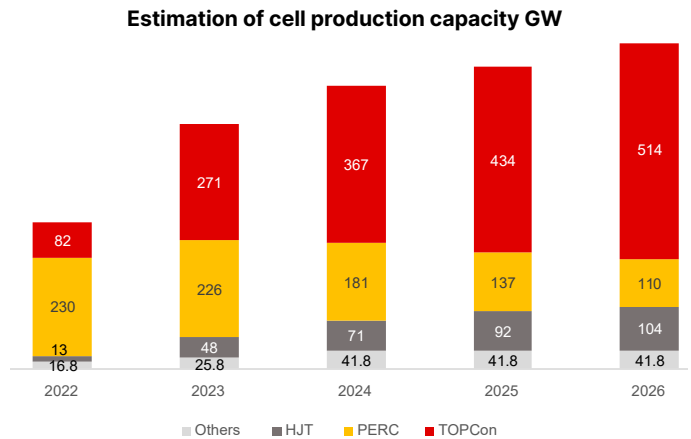
For companies in the photovoltaic industry, Canadian Solar is an ideal partner, providing high-quality and innovative products with long-term support. It enables customers to flexibly respond to dynamic market and technological challenges while promoting sustainability and environmental protection.

For more information about Canadian Solar, CSI Solar Ltd., and Recurrent Energy, along with their wide range of products and services, please visit their website at www.canadiansolar.com.

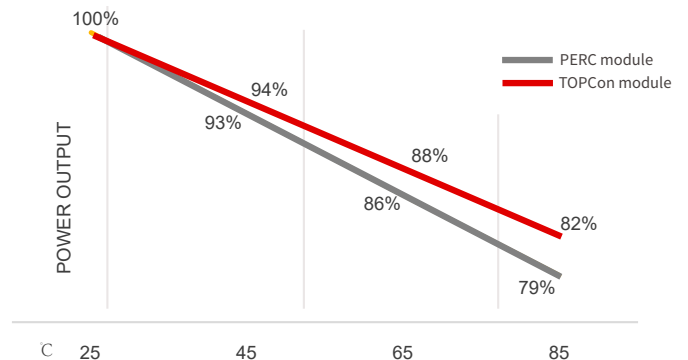
INTRODUCTION TO TOPCON TECHNOLOGY

This year marks the era of TOPCon N-type technology, introducing the future of photovoltaic panels. With this technology, we offer panels that:

- Achieve higher efficiency, generating more energy compared to traditional PERC panels, efficiently converting sunlight into electricity.
 - Utilize advanced technology for optimized solar energy collection.
 - Are compatible with existing production lines for PERC panels, allowing for easy adaptation of manufacturing.
 - Have the potential for reducing production costs, which could lead to more affordable prices for solar panels in the near future.
- Investing in TOPCon technology is a bet on efficiency, innovation, and the long-term sustainability of your solar projects.



Module Performance at High Temperature



BATTERIES

050
051
052
053
054

type	capacity
BYD B-BOX PREMIUM HV BCU+Base	
BYD B-BOX PREMIUM HVS - module (2,56 kWh) max. 5 modules, max. 3 boxes	2,56 kWh
BYD B-BOX PREMIUM HVM - module (2,76 kWh) max. 8 modules, max. 3 boxes	2,76 kWh
BYD B-BOX PREMIUM LVS BCU+Base	
BYD B-BOX PREMIUM LVS BYD (4.0 kWh) max. 6 modules, max. 16 (14) boxes	4,0 kWh

DEYE

INVERTERS

060
061
062
063

Three-phase hybrid inverters

LV

type	output
Deye SUN-6K-SG04LP3-EU 10 WD	6 kW
Deye SUN-8K-SG04LP3-EU 10 WD	8 kW
Deye SUN-10K-SG04LP3-EU IN STOCK	10 kW
Deye SUN-12K-SG04LP3-EU 10 WD	12 kW



Three-phase hybrid inverters

10 WD HV

type	output
Deye SUN-6K-SG01HP3-EU-AM2	6 kW
Deye SUN-8K-SG01HP3-EU-AM2	8 kW
Deye SUN-10K-SG01HP3-EU-AM2	10 kW
Deye SUN-12K-SG01HP3-EU-AM2	12 kW
Deye SUN-15K-SG01HP3-EU-AM2	15 kW
Deye SUN-20K-SG01HP3-EU-AM2	20 kW
Deye SUN-30K-SG01HP3-EU-BM3	30 kW
Deye SUN-40K-SG01HP3-EU-BM4	40 kW
Deye SUN-50K-SG01HP3-EU-BM4	50 kW



DYNESS

BATTERIES

080
081
082
083
084

type	capacity
Dynergy batterie HV T9637	IN STOCK 3,55 kWh
Dynergy Tower T10 (HV) (1× Dynergy BMS BDU, 3× Dynergy batterie HV T9637)	IN STOCK 10,66 kWh
Dynergy Tower T14 (HV) (1× Dynergy BMS BDU, 4× Dynergy batterie HV T9637)	IN STOCK 14,20 kWh
Dynergy Tower T17 (HV) (1× Dynergy BMS BDU, 5× Dynergy batterie HV T9637)	IN STOCK 17,76 kWh
Dynergy Tower T21 (HV) (1× Dynergy BMS BDU, 6× Dynergy batterie HV T9637)	IN STOCK 21,31 kWh


7 WD

ACC.

085
086

type
Dynergy BUS BOX (For parallel connection of up to 4 HV Dynergy Tower batteries)
Dynergy Tower BDU 2G

type	output
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Single-phase ongrid inverters

Fronius PRIMO light 3.0-1	3 kW
Fronius PRIMO light 3.6-1	3,6 kW
Fronius PRIMO light 4.0-1	4 kW
Fronius PRIMO light 4.6-1	4,6 kW
Fronius PRIMO light 5.0-1	5 kW
Fronius PRIMO light 6.0-1	6 kW
Fronius PRIMO light 8.2-1	8,2 kW


Single-phase hybrid inverters

Fronius Primo GEN24 3.0 Plus	3 kW
Fronius Primo GEN24 3.6 Plus	3,6 kW
Fronius Primo GEN24 4.0 Plus	4 kW
Fronius Primo GEN24 4.6 Plus	4,6 kW
Fronius Primo GEN24 5.0 Plus	5 kW
Fronius Primo GEN24 6.0 Plus	6 kW


Three-phase hybrid inverters

Fronius Symo GEN24 3.0 Plus	3 kW
Fronius Symo GEN24 4.0 Plus	4 kW
Fronius Symo GEN24 5.0 Plus	5 kW
Fronius Symo GEN24 6.0 Plus	6 kW
Fronius Symo GEN24 8.0 Plus	8 kW
Fronius Symo GEN24 10.0 Plus	10 kW
Fronius Symo 3.0-3-M	3 kW
Fronius Symo 4.5-3-M	4,5 kW
Fronius Symo 5.0-3-M	5 kW
Fronius Symo 6.0-3-M	6 kW
Fronius Symo 7.0-3-M	7 kW
Fronius Symo 8.2-3-M	8,2 kW
Fronius Symo light 3.0-3-M	3 kW
Fronius Symo light 3.7-3-M	3,7 kW
Fronius Symo light 4.5-3-M	4,5 kW
Fronius Symo light 5.0-3-M	5 kW
Fronius Symo light 6.0-3-M	6 kW
Fronius Symo light 7.0-3-M	7 kW
Fronius Symo light 8.2-3-M	8,2 kW
Fronius Symo Advanced 10.0-3-M	10 kW
Fronius Symo Advanced 10.0-3-M Lite	10 kW
Fronius Symo Advanced 12.5-3-M	12,5 kW
Fronius Symo Advanced 12.5-3-M Lite	12,5 kW
Fronius Symo Advanced 15.0-3-M	15 kW
Fronius Symo Advanced 15.0-3-M Lite	15 kW
Fronius Symo Advanced 17.5-3-M	17,5 kW
Fronius Symo Advanced 17.5-3-M Lite	17,5 kW
Fronius Symo Advanced 20.0-3-M	20 kW
Fronius Symo Advanced 20.0-3-M Lite	20 kW


Three-phase ongrid inverters

Fronius Eco 25.0-3-S	25 kW
Fronius Eco 25.0-3-S light	25 kW
Fronius Eco 27.0-3-S	27 kW
Fronius Eco 27.0-3-S light	27 kW
Fronius Tauro Eco 50-3-P	50 kW
Fronius Tauro Eco 50-3-D	50 kW
Fronius Tauro Eco 99-3-P	99 kW
Fronius Tauro Eco 99-3-D	99 kW
Fronius Tauro Eco 100-3-P	100 kW
Fronius Tauro Eco 100-3-D	100 kW



INVERTERS

Three-phase hybrid inverters

HV

type	output	availability
GoodWe GW5K-ET Plus+	5 kW	7 WD
GoodWe GW6,5K-ET Plus+	6,5 kW	7 WD
GoodWe GW6,5KN-ET Plus+	6,5 kW	7 WD
GoodWe GW8K-ET Plus+	8 kW	7 WD
GoodWe GW8KN-ET (16 A)	8 kW	7 WD
GoodWe GW10K-ET Plus+	10 kW	IN STOCK
GoodWe GW10KN-ET (16 A)	10 kW	IN STOCK
GoodWe GW15K-ET	15 kW	7 WD
GoodWe GW20K-ET	20 kW	7 WD
GoodWe GW25K-ET	25 kW	7 WD
GoodWe GW29,9K-ET	29,9 kW	7 WD
GoodWe GW50K07-ETC	50 kW	7 WD
GoodWe GW100K07-ETC	100 kW	7 WD



Three-phase ongrid inverters

7 WD

type	output
GoodWe GW10K-BT	10 kW
GoodWe GW50K07-BTC	50 kW
GoodWe GW100K07-BTC	100 kW
GoodWe GW6K-DT	6 kW
GoodWe GW8K-DT	8 kW
GoodWe GW10KT-DT	10 kW
GoodWe GW20KT-DT	20 kW
GoodWe GW25KT-DT	25 kW
GoodWe GW30K-MT	30 kW
GoodWe GW36K-MT	36 kW
GoodWe GW50K-MT	50 kW
GoodWe GW50KS-MT	50 kW
GoodWe GW60KS-MT	60 kW
GoodWe GW80K-MT	80 kW
GoodWe GW100K-HT	100 kW
GoodWe GW110K-HT	110 kW
GoodWe GW120K-HT	120 kW
GoodWe GW250K-HT	250 kW



BATTERIES

type	capacity
GoodWe Lynx Home F - LX F9.8-H (3× LX-F3,3-H; 1× BMS - LX-H)	9,8 kWh
GoodWe Lynx Home F - LX F13.1-H (4× LX-F3,3-H; 1× BMS - LX-H)	13,1 kWh
GoodWe Lynx Home F - LX F16.4-H (5× LX-F3,3-H; 1× BMS - LX-H)	16,4 kWh
GoodWe Lynx C - LX C101-10 (11×LX C9.2-10: 38.4V 9.21kWh + BMS)	101,38 kWh
GoodWe Lynx C - LX C120-10 (13×LX C9.2-10: 38.4V 9.21kWh + BMS)	119,81 kWh
GoodWe Lynx C - LX C138-10 (15×LX C9.2-10: 38.4V 9.21kWh + BMS)	138,24 kWh
GoodWe Lynx C - LX C156-10 (17×LX C9.2-10: 38.4V 9.21kWh + BMS)	156,67 kWh



HV 10 WD

ACCESSOR.

type	
GoodWe SEC 1000 grid	
GoodWe SEC 1000 hybrid	
GoodWe WiFi/LAN dongle	
GoodWe EV charger 11 kW	11 kWh
GoodWe EV charger 22 kW	22 kWh



7 WD



10 WD

INVERTERS

Single-phase ongrid inverters

type	output
Huawei SUN2000-5KTL-L1	5 kW
Huawei SUN2000-6KTL-L1	6 kW

Three-phase ongrid inverters

Huawei SUN2000-3KTL-M1	3 kW
Huawei SUN2000-3,68KTL-M1	3 kW
Huawei SUN2000-5KTL-M1	3 kW
Huawei SUN2000-6KTL-M1	6 kW
Huawei SUN2000-8KTL-M1	8 kW
Huawei SUN2000-10KTL-M1	10 kW
Huawei SUN2000-12KTL-M5	12 kW
Huawei SUN2000-15KTL-M5	15 kW
Huawei SUN2000-17KTL-M5	17 kW
Huawei SUN2000-20KTL-M5	20 kW
Huawei SUN2000-25KTL-M5	25 kW
Huawei SUN2000-30KTL-M3	30 kW
Huawei SUN2000-36KTL-M3	36 kW
Huawei SUN2000-40KTL-M3	40 kW
Huawei SUN2000-50KTL-M0	50 kW
Huawei SUN2000-50KTL-M3	50 kW
Huawei SUN2000-60KTL-M0	60 kW
Huawei SUN2000-100KTL-M2	100 kW
Huawei SUN2000-105KTL-H1	105 kW
Huawei SUN2000-185KTL-H1	185 kW

10 WD

BAT.

type	capacity
Huawei LUNA2000-10S0 HV	10 kWh

10 WD

ACCESSORIES

type
Huawei Smart Dongle-WLAN-FE
Huawei Smart Dongle-4G
Huawei SUN2000P-450W-P2
Huawei SUN2000P-600W-P
Huawei Smart Meter DTSU666-HV
Huawei Smart Meter DDSU666-H
Huawei Backup Box-B1 3-phase
Huawei Backup Box-B0 1-phase

SUN2000 - 100KTL-M1

- ✓ **SMART**
12-string intelligent monitoring
- ✓ **SAFE**
Installation without fuses
- ✓ **RELIABLE**
Type II overvoltage protection (DC+AC)
- ✓ **SPECIFICATIONS**
Output power: 100 kW
Number of MPPT trackers: 10
MPPT operating voltage range: 200-1000 V
Maximum efficiency: up to 98.6%



Huawei LUNA2000-10S0

- ✓ **More usable energy**
100% depth of discharge, energy optimization at the module level
- ✓ **Flexible investment**
Modular design 5 kWh, scalable from 5 to 30 kWh
- ✓ **Safe and reliable**
Lithium iron phosphate (LFP) cell
- ✓ **Easy installation**
- ✓ **Quick commissioning**
- ✓ **Perfect compatibility**



TIGO

type

240 Tigo CCA +TAP (Disconnection and Monitoring TS4-A-O) **IN STOCK**241 Tigo TAP **7 WD**242 Tigo TS4-A-O 700Wp (optimization, monitoring, rapid shutdown) **IN STOCK**243 Tigo TS4-A-2F (rapid shutdown) **7 WD**244 Tigo RSS (disconnection TS4-A-2F) **7 WD**

TS4-A-O

OPTIMIZATION | MONITORING | SAFETY

Optimization is a feature of Flex MLPE available as an integrated modular junction box (TS4-O) or as an add-on unit (TS4-A-O). It is designed to handle asymmetric string lengths, mixed orientations, or different modules. Install it in shaded areas with reduced setbacks. In addition to optimization, TS4-A-O allows module-level monitoring and rapid shutdown in compliance with NEC 2014, 2017, 2020 regulations.

- Suitable for up to 700W solar modules
- Higher optimizer performance with Predictive IV Technology (PIV)
- SINGLE optimizer with selective shading
- Includes monitoring and safety benefits
- Meets NEC requirements for rapid shutdown
- Plug-and-play optimization
- Shadow and aging resistance for maximum yield
- Works wirelessly with TAP and CCA devices
- 25-year warranty

7 WD

SWITCHGEAR

type

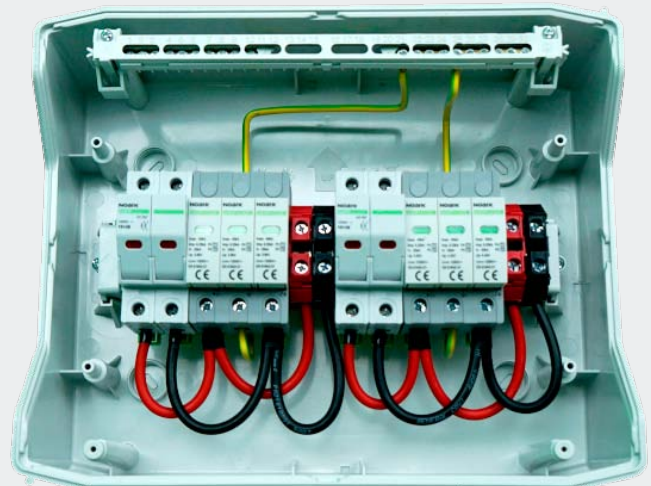
250 Noark switchboard DC1 - protection class I+ II, IP65

251 Noark switchboard DC2 - protection class I+ II, IP65

The Noark distribution board is ready for installation in a photovoltaic system. It is designed for surface mounting with a maximum voltage of 1000V DC. The distribution board has an IP65 protection rating and is equipped with 1x double-pole fuse disconnect switch and 1x surge protector of PV type T1+2 for the protection of a total of 1 MPPT tracker. The device is constructed according to the wiring diagram.

USED COMPONENTS:

- 1 pc - plastic distribution board for surface mounting - IP65, 12 modules, transparent door Noark – PHS 12T
- 1 pc - fuse disconnect switch for photovoltaic applications, 2-pole, 1000V DC, (10× 38mm) Noark - Ex9FP 2P 30A
- 2 pcs - cylindrical fuse for photovoltaics, (UL standard), 10×38 mm, 1000V DC, 15A/16A
- 1 pc - surge protector for photovoltaic applications T1+2 (I+II, B+C), 1000V DC Noark - Ex9UEP1+2 6.25 3P 1000
- 5 pcs - cable gland with nut (PG9)
- Other: DC solar cables, RSA terminals, covers, mounting material



DISCONNECTORS

type

- 260 Projoy PEFS-PL120S-11 (rapid shutdown - 1 input, max. 2 panels)
- 261 Projoy PEFS-PL120S-21 (rapid shutdown - 2 input, max. 4 panels)
- 262 Projoy PEFS-PCY-S-60 (control box - 1 input, max. 200 m)
- 263 Projoy PEFS-PCY-S-180 (control box - 3 input, max. 200 m)
- 264 Projoy PEFS-PCY-S-480 (control box - 8 input, max. 200 m)
- 265 Projoy PEFS-CM-30 (cable 30m, 24V DC)



PROJOY
electric

ABOUT THE COMPANY:

Projoy is a professional electrical manufacturing company specializing in providing products such as high and low-voltage disconnect switches, DC miniature circuit breakers, rapid shutdowns, and components for energy conversion devices. Projoy was the first to emerge in the field of photovoltaic isolation switches. Through long-term market accumulation and technology, the company has developed a range of photovoltaic disconnect switches with excellent design, simple structure, strong performance, and outstanding quality. Since 2013, Projoy has been introducing products for photovoltaic switches to leading global battery manufacturers and energy storage systems. Since 2017, the company has also ventured into fire safety, introducing products for rapid shutdown. Projoy has established divisional branches in Italy, the UK, Australia, Poland, Hungary, Sweden, the Czech Republic, and other regions. It is a supplier of photovoltaic isolation switches with a full range of UL certifications.

ABOUT THE PRODUCT:

The Projoy disconnect switch is designed to ensure the safe shutdown of DC power to zero volts in case of an emergency. The shutdown can occur manually, by interrupting the power, or through a trigger that raises the ambient temperature above 85°C. The disconnect switch is compatible with all string inverters and does not affect their operation or performance in any way.

Geti

WATER HEATER

type

- 268 GETI GWH01 4000W MPPT solar inverter for PV water heating **IN STOCK**

The solar water heater inverter with MPPT control is designed to power electric water heaters or resistive loads. The top priority is always to supply power through solar energy. If solar energy is insufficient, the inverter will intelligently draw power directly from the grid. The waterproof design with an IP65 protection rating allows for the use of the inverter both indoors and outdoors.

Features

- MPPT technology regulation (Maximum Power Point Tracking)
- Efficiency >99%
- Processor-controlled operation (DSP)
- Wide input voltage range (up to 350V DC)
- Low own energy consumption
- Passive cooling for low operating temperatures
- Durable construction with IP65 protection

HV IN STOCK

BATTERIES

type	capacity
Pylontech batterie Force H2 – FH9637 3,55 kWh	3,55 kWh
Pylontech batterie Force H2 7,1 kWh (1x FC0500M0-40S, 2x FH9637)	7,1 kWh
Pylontech batterie Force H2 10,7 kWh (1x FC0500M0-40S, 3x FH9637)	10,7 kWh
Pylontech batterie Force H2 14,2 kWh (1x FC0500M0-40S, 4x FH9637)	14,21 kWh

7 WD

type	capacity
Pylontech batterie Force H1 FH48074 – 3,55 kWh HV	3,6 kWh
Pylontech batterie Force L1 FL48074 – 3,55 kWh LV	3,6 kWh
Pylontech batterie Force L2 FL4874M – 3,55 kWh LV	3,6 kWh
Pylontech batterie H48050 LV HV	2,4 kWh
Pylontech batterie RT12100G31 LV	1,28 kWh
Pylontech batterie US2000C – 2,4 kWh LV	2,4 kWh
Pylontech batterie US3000C – 3,55 kWh LV	3,6 kWh
Pylontech batterie US5000 – 4,8 kWh LV	4,8 kWh
Pylontech battery cable KIT Pylontech - inverter	
Pylontech Cable connection set for US2000/3000	
Pylontech rack	
Pylontech Bracket set US3000	
Pylontech BMS Force H2 V2	
Pylontech BMS Force H1	
Pylontech BMS Force H1 - V2	
Pylontech BMS Force H2	
Pylontech BMS Force L2	
Pylontech BMS SC500-40S	
Pylontech BMS SC500A-100S	



CFE



BATT.

type	capacity	availability
CFE-5100 (batterie, bms, wifi) LV	5,1 kWh	IN STOCK
CFE Wall mount set		



10-year warranty, 6000 cycles

Product Benefits

- ✓ Signal modules can be installed in parallel or in series.
- ✓ Integrated WIFI modem in each battery module helps quickly diagnose and upgrade firmware.
- ✓ Easy connection with a smart phone.

INVERTERS
Three-phase ongrid inverters

type	output
SolaX X3-MIC-3K-G2	3 kW
SolaX X3-MIC-4K-G2	4 kW
SolaX X3-MIC-5K-G2	5 kW
SolaX X3-MIC-6K-G2	6 kW
SolaX X3-PRO-8K-G2	8 kW
SolaX X3-PRO-10K-G2	10 kW
SolaX X3-PRO-12K-G2	12 kW
SolaX X3-PRO-15K-G2 (11y)	15 kW
SolaX X3-PRO-17K-G2 (11y)	17 kW
SolaX X3-PRO-20K-G2 (11y)	20 kW
SolaX X3-PRO-25K-G2 (11y)	25 kW
SolaX X3-PRO-30K-G2 (11y)	30 kW
SolaX X3-MGA-40K-G2 (11y), PLC	40 kW
SolaX X3-MGA-50K-G2 (11y), PLC	50 kW
SolaX X3-MGA-60K-G2 (11y), PLC	60 kW
SolaX X3-FORTH-80K (11y), PLC	80 kW
SolaX X3-FORTH-100K (11y), PLC	100 kW
SolaX X3-FORTH-110K (11y), PLC	110 kW
SolaX X3-FORTH-120K (11y), PLC	120 kW
SolaX X3-FORTH-136K-MV-O (11y), PLC	136 kW
SolaX X3-FORTH-150K-MV-O (11y), PLC	150 kW


Three-phase hybrid inverters

type	output
Solax X3-Hybrid-10.0-D (G4) + Wifi + CT IN STOCK	10 kW
Solax X3-Hybrid-12.0-D (G4) + Wifi + CT	12 kW
Solax X3-Hybrid-15.0-D (G4) + Wifi + CT	15 kW
Solax X3-ULT-15K	15 kW
Solax X3-ULT-19.9K	19,9 kW
Solax X3-ULT-20K	20 kW
Solax X3-ULT-25K	25 kW
Solax X3-ULT-30K	30 kW



CT – the set includes transformers.

HV
BATTERIES

type	capacity
SolaX T-BAT H5.8 (T58 Master) V2 IN STOCK	5,8 kWh
SolaX HV11550 (T58 Slave) V2 IN STOCK	5,8 kWh
SolaX MC0600 (T30 Controller)	
SolaX HV10230 (T30 battery)	3,1 kWh
SolaX T-BAT-SYS-HV-S3.6 (7,3 - 47,9 kWh)	3,6 kWh


ACCESS.

type
SolaX BMS - Parallel Box II
Solax smart meter 3fáze CHINT IN STOCK
SolaX Accessory pack for 3, 4pcs batt.


WALLBOX

type	output
SolaX X3-EVC-11K (PXH)	11 kW
SolaX X3-EVC-22K (PXH)	22 kW



10 WD

INVERTERS

Three-phase hybrid inverters

type	output
Solinteg MHT-10K-25	10 kW
Solinteg MHT-15K-40	15 kW
Solinteg MHT-20K-40	20 kW
Solinteg MHT-25K-100	25 kW
Solinteg MHT-30K-100	30 kW
Solinteg MHT-36K-100	36 kW
Solinteg MHT-40K-100	40 kW
Solinteg MHT-50K-100	50 kW



10 WD HV

BATTERIES

type	capacity
Solinteg EBS-5150-BASE	
Solinteg EBS-5150-BAT	2,56 kWh
Solinteg EBS-5150-BMS	

Clean power for all

10 WD

INVERTERS

Three-phase ongrid inverters

type	output
Sungrow SG50CX-P2	50 kW
Sungrow SG50CX-P2 V112	50 kW
Sungrow SG110-V112	110 kW
Sungrow SG125CX-P2	125 kW
Sungrow SG125CX-P2-V11	125 kW
Sungrow SG125CX-P2 V113	125 kW



Three-phase hybrid inverters

type	output
Sungrow Hybrid SH5.0RT - V112	5 kW
Sungrow Hybrid SH6.0RT - V112	6 kW
Sungrow Hybrid SH8.0RT - V112	8 kW
Sungrow Hybrid SH10.0RT - V112	10 kW



10 WD HV

BATTERIES

type	capacity
Sungrow SBR096 batteries (3x battery panel Sungrow SBR 3,2 kW + base)	9,6 kWh
Sungrow SBR128 batteries (4x battery panel Sungrow SBR 3,2 kW + base)	12,8 kWh
Sungrow SBR160 batteries (5x battery panel Sungrow SBR 3,2 kW + base)	16 kWh
Sungrow SBR192 batteries (6x battery panel Sungrow SBR 3,2 kW + base)	19,2 kWh
Sungrow SBR224 batteries (7x battery panel Sungrow SBR 3,2 kW + base)	22,4 kWh
Sungrow SBR256 batteries (8x battery panel Sungrow SBR 3,2 kW + base)	25,6 kWh

PROFILES



AL profil 40×40
– length 3,3 m



AL profil 40×40
– length 4,4 m



AL profil 40×40 black
– length 4,4 m



Trapezoidal bridge T40
height 40 mm, length 300 mm



Trapezoidal bridge T70
height 70 mm, length 330 mm

ELEKTRO

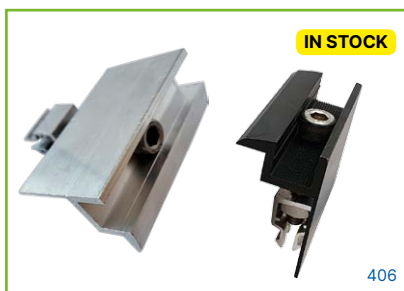


Conector MC4
set M+F

BRACKETS



Center bracket
height 35 | 40 mm, silver | black



Side bracket
height 35 | 40 mm, silver | black



Solar cable „6“
coil 500 m
black | red

TRIANGLE



Horizontal triangle (H) 15/25/35°

Vertical triangle (V) 15/25/35°



AL angle
40×40×3 mm
length 3, 4, 6 m

AL angle
40×40×4 mm
length 3, 4, 6 m

412

MOUNTING SYSTEM - PVP

ANCHORING



roof hook
2x adjustable
stainless steel



Combination screw
M10×200
M10×300



Falt holder
for rebates up to
3.5 mm



roof hook type „J“
stainless steel



roof hook type „B“
steel



console on prof. sheet
90×40 mm



coupling al profile
length 200 mm



Profile end cap

FLAT ROOFS



Flat roof bracket

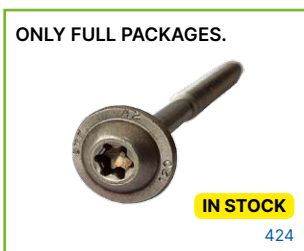


Bracket and screw



Top connection

MONTAGE



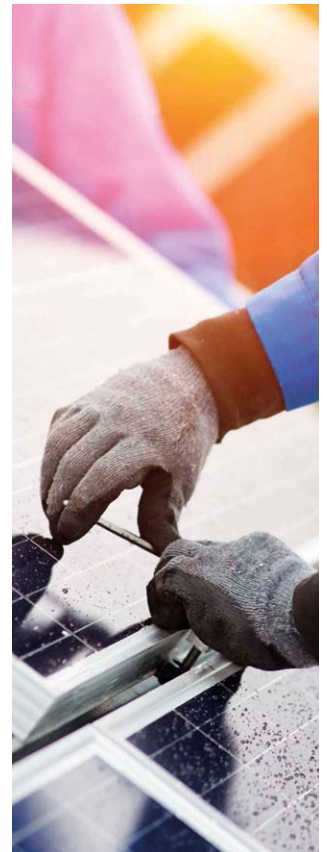
Screw 8×80/50
Stainless Steel
100 pcs per package



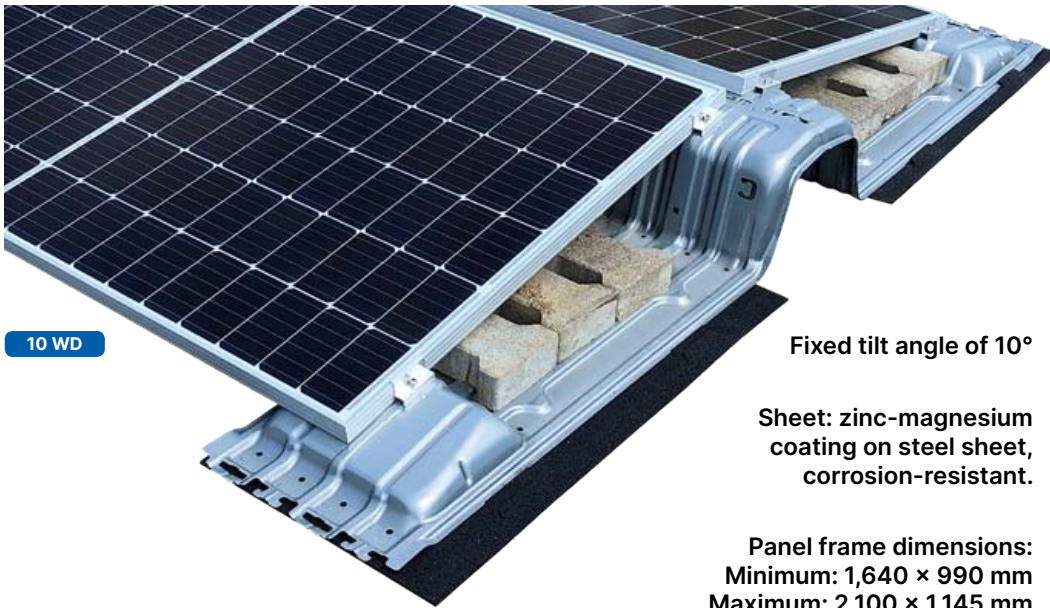
Self-tapping screw
6/25
package of 100 pcs



T-bolt + nut
M10×25



MOUNTING SYSTEM - IFIX



10 WD

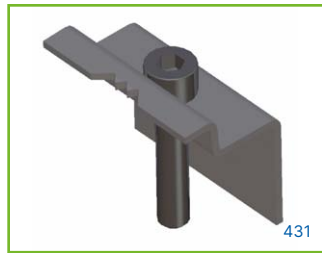
Fixed tilt angle of 10°

Sheet: zinc-magnesium coating on steel sheet, corrosion-resistant.

Panel frame dimensions:
Minimum: 1,640 × 990 mm
Maximum: 2,100 × 1,145 mm



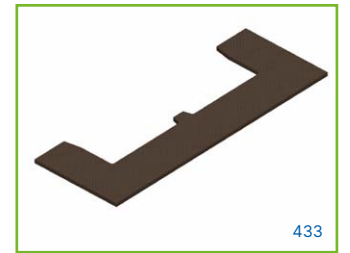
iFIX Profil



iFIX End Clamp
30/35 mm



iFIX Mid Clamp
30-35 mm



iFIX End Clamp



SOLAR PANELS – CONTAINER QUANTITY

Upon request, we will provide the current price and availability of a container quantity of solar panels. In case of interest, we will arrange transportation to the specified location in the Czech Republic.



Type	Output [Wp]	Frame colour	Dimensions [mm]	Product war. [years]	Output war. [% / years]	Efficiency [%]	Cells numb.	Cell type
600 AIKO-A445-MAH54Mb	445	FB	1722*1134*30	15 years	88,95 % / 30 years	22,80%	108	N-TYPE
601 AIKO-A450-MAH54Mb	450	BF	1172*1134*30	15 years	30 years	23,00%	108	PERC
602 AIKO-A450-MAH54Mb	450	FB	1722*1134*30	15 years	88,95 % / 30 years	23,00%	108	N-TYPE
603 AIKO-A450-MAH54Mb	450	SF	1722*1134*30	15 years	88,95 % / 30 years	23,00%	108	N-TYPE
604 AIKO-A450-MAH54Mb Neostar G2	450	FB	1722*1134*30	15 years	88,65 % / 30 years	23,00%	108	N-TYPE



Type	Output [Wp]	Frame colour	Dimensions [mm]	Product war. [years]	Output war. [% / years]	Efficiency [%]	Cells numb.	Cell type
605 Amerisolar AS-6M120-HC 380W	380	SF	1765*1048*35	20 years	30 years	20,54%	120	MONO
606 Amerisolar AS-6M144-BHC 455W	455	SF	2102*1040*35	20 years	30 years	20,81%	144	BIFACIAL
607 Amerisolar AS-6M144-HC 450W	450	SF	2108*1048*40	20 years	30 years	20,37%	144	MONO
608 Amerisolar AS-7M120-HC 450W	450	FB	1912*1134*35	20 years	30 years	20,75%	120	MONO
609 Amerisolar AS-7M120-HC 450W	450	BF	1912*1134*35	20 years	30 years	20,75%	120	MONO
610 Amerisolar AS-7M144-BHC 550W	550	SF	2279*1134*35	20 years	30 years	21,28%	144	BIFACIAL
611 Amerisolar AS-7M144-HC 550W	550	SF	2279*1134*35	20 years	30 years	21,28%	144	MONO
612 Amerisolar AS-7M144N-BHC 580W	580	FB	2278*1134*35	20 years	30 years	22,45%	144	N-TYPE TOPCON
613 Amerisolar AS-8M120-HC 605W	605	SF	2172*1303*35	20 years	30 years	21,40%	120	MONO



Type	Output [Wp]	Frame colour	Dimensions [mm]	Product war. [years]	Output war. [% / years]	Efficiency [%]	Cells numb.	Cell type
740 DAH Solar DHN-54X16/DG(BB)-430W	430	FB	1722*1134*30	15 years	87,4 % / 30 years	22,02%	108	N-TYPE TOPCON
741 DAH Solar DHN-54X16/DG(BB)-430W	430	FB	1722*1134*32	15 years	87,4 % / 30 years	21,50%	108	N-TYPE TOPCON
742 DAH Solar DHN-54X16/FS(BB)-430W	430	FB	1722*1134*32	12 years	87,4 % / 30 years	22,02%	108	N-TYPE TOPCON
743 DAH Solar DHN-54X16/FS(BB)-430W	430	FB	1722*1134*32	15 years	87,4 % / 30 years	22,02%	108	N-TYPE TOPCON
744 DAH Solar DHN-54X16/FS(BW)-440W	440	BF	1722*1134*32	25 years	87,4 % / 30 years	22,53%	108	N-TYPE TOPCON
745 DAH Solar DHN-54X16/FS(BW)-440W	440	BF	1722*1134*32	25 years	87,4 % / 30 years	22,53%	108	N-TYPE TOPCON
746 DAH Solar DHN-60X16(BW)-480W	480	BF	1903*1134*32	15 years	87,4 % / 30 years	22,24%	120	N-TYPE TOPCON
747 DAH Solar DHN-60X16(BW)-480W	480	BF	1903*1134*30	15 years	87,4 % / 30 years	22,24%	120	N-TYPE TOPCON
748 DAH Solar DHN-60X16/DG-475W	475	SF	1903*1134*30	15 years	87,4 % / 30 years	22,01%	120	N-TYPE TOPCON
749 DAH Solar DHN-60X16/DG-475W	475	SF	1903*1134*30	15 years	87,4 % / 30 years	22,01%	120	N-TYPE TOPCON
750 DAH Solar DHN-60X16/DG-475W	475	FB	1903*1134*30	15 years	87,4 % / 30 years	22,01%	120	N-TYPE TOPCON
751 DAH Solar DHN-72X16(BW)-585W	585	BF	2279*1134*35	15 years	87,4 % / 30 years	22,64%	144	N-TYPE TOPCON
752 DAH Solar DHN-72X16(BW)-585W	585	BF	2279*1134*35	15 years	87,4 % / 30 years	22,64%	144	N-TYPE TOPCON
753 DAH Solar DHN-72X16/DG-575W	575	SF	2279*1134*30	12 years	87,4 % / 30 years	22,25%	144	N-TYPE TOPCON DBL GLASS
754 DAH Solar DHN-72X16/DG-575W	575	SF	2279*1134*30	15 years	87,4 % / 30 years	22,25%	144	N-TYPE TOPCON
755 DAH Solar DHN-72X16/DG-575W	575	SF	2279*134*30	15 years	87,4 % / 30 years	22,25%	144	N-TYPE TOPCON
756 DAH Solar DHN-72X16/FS(BW)-585W	585	BF	2279*1134*32	15 years	87,4 % / 30 years	22,64%	144	N-TYPE TOPCON
757 DAH Solar DHN-72X16/FS(BW)-585W	585	BF	2279*1134*32	15 years	87,4 % / 30 years	22,64%	144	N-TYPE TOPCON
758 DAH Solar DHN-78X16/DG(BW)-630W	630	BF	2465*1134*30	15 years	87,4 % / 30 years	22,54%	156	N-TYPE TOPCON
759 DAH Solar DHN-78X16/DG(BW)-630W	630	BF	2465*1134*30	15 years	87,4 % / 30 years	22,54%	156	N-TYPE TOPCON
760 DAH Solar DHN-78X16/DG-620W	620	BF	2465*1134*30	12 years	87,4 % / 30 years	22,18%	156	N-TYPE TOPCON
761 DAH Solar DHN-78X16/DG-620W	620	SF	2465*1134*30	15 years	87,4 % / 30 years	22,18%	156	N-TYPE TOPCON

SF = silver frame; BF = black frame; FB = full black; BIF = bifacial; DBL = double; D-GLASS = DUAL GLASS

SOLAR PANELS – CONTAINER QUANTITY



Type	Output [Wp]	Frame colour	Dimensions [mm]	Product war. [years]	Output war. [% / years]	Efficiency [%]	Cells numb.	Cell type	
614	Canadian Solar CS3L-370W	370	BF	1765*1048*35	12 years	84,8 % / 25 years	20,00%	120	MONO
615	Canadian Solar CS6.1-54TB-455	455	BF	1800*1134*30	12 years	87,4 % / 30 years	22,30%	108	N-TYPE TOPCON BIFACIAL
616	Canadian Solar CS6.1-54TB-460	460	BF	1800*1134*30	12 years	87,4 % / 30 years	22,50%	108	N-TYPE TOPCON BIFACIAL
617	Canadian Solar CS6.1-54TD-455	455	BF	1800*1134*30	25 years	87,4 % / 30 years	22,30%	108	N-TYPE TOPCON DOUBLE GLASS
618	Canadian Solar CS6.1-60TB-500	500	BF	1994*1134*30	25 years	87,4 % / 30 years	22,10%	120	N-TYPE TOPCON BIFACIAL
619	Canadian Solar CS6.1-72D 605	605	SF	2382*1134*30	12 years	87,4 % / 30 years	22,40%	144	N-TYPE TOPCON
620	Canadian Solar CS6L-445MS	445	SF	1903*1134*30	12 years	84,8 % / 25 years	20,60%	120	MONO PERC
621	Canadian Solar CS6L-450MS	450	BF	1903*1134*30	12 years	84,8 % / 25 years	20,90%	120	MONO PERC
622	Canadian Solar CS6L-450MS	450	SF	1903*1134*30	12 years	84,8 % / 25 years	20,90%	120	MONO PERC
623	Canadian Solar CS6L-455MS	455	BF	1903*1134*30	12 years	84,8 % / 25 years	20,90%	120	MONO PERC
624	Canadian Solar CS6L-455MS	455	SF	1903*1134*30	12 years	84,8 % / 25 years	21,10%	120	MONO PERC
625	Canadian Solar CS6L-460MS	460	BF	1903*1134*30	12 years	84,8 % / 25 years	21,30%	120	MONO PERC
626	Canadian Solar CS6L-460MS	460	SF	1903*1134*30	12 years	84,8 % / 25 years	21,30%	120	MONO PERC
627	Canadian Solar CS6R-395MS	395	SF	1722*1134*30	12 years	84,8 % / 25 years	20,20%	108	MONO PERC
628	Canadian Solar CS6R-400MS	400	SF	1722*1134*30	12 years	84,8 % / 25 years	20,50%	108	MONO PERC
629	Canadian Solar CS6R-405MS	405	SF	1722*1134*30	12 years	84,8 % / 25 years	20,70%	108	MONO PERC
630	Canadian Solar CS6R-410MS	410	BF	1722*1134*30	12 years	84,8 % / 25 years	21,00%	108	MONO PERC
631	Canadian Solar CS6R-410MS	410	SF	1722*1134*30	12 years	84,8 % / 25 years	21,00%	108	MONO PERC
632	Canadian Solar CS6R-420T	420	SF	1722*1134*30	12 years	87,4 % / 30 years	21,50%	108	N-TYPE TOPCON
633	Canadian Solar CS6R-425T	425	SF	1722*1134*30	12 years	87,4 % / 30 years	21,80%	108	N-TYPE TOPCON
634	Canadian Solar CS6R-430T	430	SF	1722*1134*30	12 years	87,4 % / 30 years	22,00%	108	N-TYPE TOPCON
635	Canadian Solar CS6R-435T	435	SF	1722*1134*30	12 years	87,4 % / 30 years	22,30%	108	N-TYPE TOPCON
636	Canadian Solar CS6R-440T	440	SF	1722*1134*30	12 years	87,4 % / 30 years	22,50%	108	N-TYPE TOPCON
637	Canadian Solar CS6W-545MS	545	SF	2278*1134*30	12 years	84,8 % / 25 years	21,10%	144	MONO PERC
638	Canadian Solar CS6W-550MS	550	SF	2278*1134*30	12 years	84,8 % / 25 years	21,30%	144	MONO PERC
639	Canadian Solar CS6W-555MS	555	SF	2278*1134*30	12 years	84,8 % / 25 years	21,50%	144	MONO PERC
640	Canadian Solar CS6W-565T	565	SF	2278*1134*30	12 years	87,4 % / 30 years	21,90%	144	N-TYPE TOPCON
641	Canadian Solar CS6W-570T	570	SF	2278*1134*30	12 years	87,4 % / 30 years	22,10%	144	N-TYPE TOPCON
642	Canadian Solar CS6W-575T	575	SF	2278*1134*30	12 years	87,4 % / 30 years	22,30%	144	N-TYPE TOPCON
643	Canadian Solar CS6W-580T	580	SF	2278*1134*30	12 years	87,4 % / 30 years	22,50%	144	N-TYPE TOPCON
644	Canadian Solar CS6W-585T	585	SF	2278*1134*30	12 years	87,4 % / 30 years	22,60%	144	N-TYPE TOPCON
645	Canadian Solar CS6W-MB-AG-545	545	SF	2266*1134*35	12 years	87,4 % / 30 years	21,20%	144	BIFACIAL MONO
646	Canadian Solar CS7L-585MS	585	SF	2172*1303*35	12 years	84,8 % / 25 years	20,70%	120	MONO PERC
647	Canadian Solar CS7L-600MS	600	SF	2172*1303*35	12 years	84,8 % / 25 years	21,20%	120	MONO PERC
648	Canadian Solar CS7N-TB-AG-685	685	SF	2384*1303*33	12 years	87,4 % / 30 years	22,10%	132	N-TYPE BIFACIAL
649	Canadian Solar CS7N-TB-AG-690	690	SF	2384*1303*33	12 years	87,4 % / 30 years	22,20%	132	N-TYPE BIFACIAL
650	Canadian Solar CS7N-TB-AG-695	695	SF	2384*1303*33	12 years	87,4 % / 30 years	22,40%	132	N-TYPE BIFACIAL
651	Canadian Solar CS7N-TB-AG-700	700	SF	2384*1303*33	12 years	87,4 % / 30 years	22,50%	132	N-TYPE BIFACIAL

SF = silver frame; BF = black frame; FB = full black; BIF = bifacial; DBL = double; D-GLASS = DUAL GLASS



SOLAR PANELS – CONTAINER QUANTITY



Type	Output [Wp]	Frame colour	Dimensions [mm]	Product war. [years]	Output war. [% / years]	Efficiency [%]	Cells numb.	Cell type	
770	DAS Solar DAS-DH144PA 550W	550	SF	2274*1134*35	15 years	84,95 % / 25let	21,30%	144	BIFACIAL
771	DAS Solar DAS-Wh108PA 410W	410	BF	1722*1134*33	12 years	86 % / 25let	21,00%	108	MONO P-TYPE
772	DAS Solar DAS-WH144PA 550W	550	SF	2274*1134*35	12 years	86 % / 25let	21,30%	144	MONO PERC
773	DAS-DH108NA-430	430	FB	1722*1134*30	15 years	87,4 % / 30 years	22,00%	108	TOPCON BIFACIAL DOUBLE GLASS
774	DAS-WH144PA-550	550	SF	2278*1134*30	12 years	86 % / 25 years	21,30%	144	PERC



Type	Output [Wp]	Frame colour	Dimensions [mm]	Product war. [years]	Output war. [% / years]	Efficiency [%]	Cells numb.	Cell type	
776	Eging PV EG-410M54-HLV	410	BF	1722*1134*30	12 years	84,8 % / 25 years	20,99%	108	MONO



Type	Output [Wp]	Frame colour	Dimensions [mm]	Product war. [years]	Output war. [% / years]	Efficiency [%]	Cells numb.	Cell type	
780	JA Solar JAM54D40 420/MB	420	BF	1722*1134*30	25 years	87,4 % / 30 years	21,50%	108	N-TYPE BIFACIAL DOUBLE GLASS
781	JA Solar JAM54D40 430/LB	430	FB	1762*1134*30	25 years	30 years	21,50%	108	N-TYPE BIFACIAL DOUBLE GLASS
782	JA Solar JAM54D40 435/LB	435	FB	1762*1134*30	25 years	30 years	21,80%	108	N-TYPE BIFACIAL DOUBLE GLASS
783	JA Solar JAM54D40 440/LB	440	BF	1762*1134*30	12 years	87,4 % / 30 years	22,00%	108	N-TYPE BIFACIAL DOUBLE GLASS
784	JA Solar JAM54D40 440/LB	440	FB	1762*1134*30	25 years	30 years	22,00%	108	N-TYPE BIFACIAL DOUBLE GLASS
785	JA Solar JAM54D40 445/LB	445	FB	1762*1134*30	25 years	30 years	22,30%	108	N-TYPE BIFACIAL DOUBLE GLASS
786	JA Solar JAM54D40 450/LB	440	FB	1762*1134*30	25 years	30 years	22,50%	108	N-TYPE BIFACIAL DOUBLE GLASS
787	JA Solar JAM54D40 455/LB	445	FB	1762*1134*30	25 years	30 years	22,80%	108	N-TYPE BIFACIAL DOUBLE GLASS
788	JA Solar JAM54D41-430/LB	430	FB	1762*1134*30	12 years	87,4 % / 30 years	21,50%	108	N-TYPE BIFACIAL DOUBLE GLASS
789	JA Solar JAM54D41-435/LB	435	FB	1762*1134*30	12 years	87,4 % / 30 years	21,80%	108	N-TYPE BIFACIAL DOUBLE GLASS
790	JA Solar JAM54D41-440/LB	440	FB	1762*1134*30	12 years	87,4 % / 30 years	22,00%	108	N-TYPE BIFACIAL DOUBLE GLASS
791	JA Solar JAM54D41-445/LB	445	FB	1762*1134*30	12 years	87,4 % / 30 years	22,30%	108	N-TYPE BIFACIAL DOUBLE GLASS
792	JA Solar JAM54D41-450/LB	450	FB	1762*1134*30	12 years	87,4 % / 30 years	22,50%	108	N-TYPE BIFACIAL DOUBLE GLASS
793	JA Solar JAM54D41-455/LB	455	FB	1762*1134*30	12 years	87,4 % / 30 years	22,80%	108	N-TYPE BIFACIAL DOUBLE GLASS
794	JA Solar JAM54S30 415/GR	415	BF	1722*1134*30	12 years	87,4 % / 25 years	21,30%	108	MONO P-TYPE
795	JA Solar JAM54S30 420/GR	420	BF	1722*1134*30	12 years	87,4 % / 25 years	21,50%	108	MONO P-TYPE
796	JA Solar JAM54S30 420GR	420	BF	1722*1134*30	12 years	84,8 % / 25 years	21,50%	108	MONO P-TYPE
797	JA Solar JAM66D45-590/LB	590	SF	2382*1134*30	12 years	87,4 % / 25 years	21,80%	132	N-TYPE BIFACIAL DOUBLE GLASS
798	JA Solar JAM66D45-595/LB	595	SF	2382*1134*30	12 years	87,4 % / 25 years	22,00%	132	N-TYPE BIFACIAL DOUBLE GLASS
799	JA Solar JAM66D45-600/LB	600	SF	2382*1134*30	12 years	87,4 % / 25 years	22,20%	132	N-TYPE BIFACIAL DOUBLE GLASS
800	JA Solar JAM66D45-605/LB	605	SF	2382*1134*30	12 years	87,4 % / 25 years	22,40%	132	N-TYPE BIFACIAL DOUBLE GLASS
801	JA Solar JAM66D45-610/LB	610	SF	2382*1134*30	12 years	87,4 % / 25 years	22,60%	132	N-TYPE BIFACIAL DOUBLE GLASS
802	JA Solar JAM66D45-615/LB	615	SF	2382*1134*30	12 years	87,4 % / 25 years	22,80%	132	N-TYPE BIFACIAL DOUBLE GLASS
803	JA Solar JAM66S30-500/MR	500	SF	2093*1134*30	12 years	84,8 % / 25 years	21,10%	132	P-TYPE
804	JA Solar JAM72D40 585/LB	585	BF	2333*1134*30	12 years	87,4 % / 30 years	22,10%	144	N-TYPE BIFACIAL DOUBLE GLASS
805	JA Solar JAM72S20 465/MR	465	SF	2120*1052*40	12 years	25 years	20,80%	144	MONO



Type	Výkon [Wp]	Barva rámu	Rozměr [mm]	Produktová záruka [years]	Výkonová záruka [% / years]	Účinnost [%]	Počet buněk	Type buňky	
810	Leapton LP182*182-M-54-MH-400W	400	FB	1724*1134*30	15 years	84,8 % / 25 years	20,46%	108	MONO
811	Leapton LP182*182-M-54-MH-410W	410	BF	1724*1134*30	15 years	84,8 % / 25 years	20,97%	108	MONO
812	Leapton LP182*182-M-54-NH 430W	430	BF	1762*1134*30	15 years	87,4 % / 30 years	21,52%	108	MONO
813	Leapton LP182*182-M-60-MH 450W	450	FB	1909*1134*30	15 years	25 years	20,79%	120	MONO
814	Leapton LP182*182-M-60-MH-460W	460	BF	1909*1134*30	15 years	25 years	21,25%	120	MONO
815	Leapton LP182*182-M-72-MH 550W	550	SF	2279*1134*35	15 years	25 years	21,28%	144	MONO
816	Leapton LP210*210-M-66-MH 670W	670	SF	2384*1303*35	15 years	25 years	21,57%	132	BIFACIAL

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Type	Output [Wp]	Frame colour	Dimensions [mm]	Product war. [years]	Output war. [% / years]	Efficiency [%]	Cells numb.	Cell type	
820	Jinko Solar JKM420N-54HL4-B	420	FB	1762*1134*30	25 years	87,4 % / 30 years	21,02%	108	N-TYPE MONO
821	Jinko Solar JKM425N-54HL4R-(V)	425	BF	1762*1134*30	15 years	87,4 % / 30 years	21,27%	108	N-TYPE MONO
822	Jinko Solar JKM425N-54HL4R-B	425	FB	1762*1134*30	25 years	87,4 % / 30 years	21,27%	108	N-TYPE MONO
823	Jinko Solar JKM430N-54HL4R-(V)	430	BF	1762*1134*30	15 years	87,4 % / 30 years	21,52%	108	N-TYPE MONO
824	Jinko Solar JKM430N-54HL4R-B	430	FB	1762*1134*30	25 years	87,4 % / 30 years	21,52%	108	N-TYPE MONO
825	Jinko Solar JKM435N-54HL4R-(V)	435	BF	1762*1134*30	15 years	87,4 % / 30 years	21,77%	108	N-TYPE MONO
826	Jinko Solar JKM435N-54HL4R-B	435	FB	1762*1134*30	25 years	87,4 % / 30 years	21,77%	108	N-TYPE MONO
827	Jinko Solar JKM435N-54HL4R-B	435	FB	1762*1134*30	25 years	87,4 % / 30 years	21,77%	108	N-TYPE MONO
828	Jinko Solar JKM435N-54HL4R-BDV	435	BF	1762*1134*30	15 years	87,4 % / 30 years	21,77%	108	BIFACIAL DOUBLE GLASS
829	Jinko Solar JKM440N-54HL4R-(V)	440	BF	1762*1134*30	15 years	87,4 % / 30 years	22,02%	108	N-TYPE MONO
830	Jinko Solar JKM440N-54HL4R-B	440	FB	1762*1134*30	25 years	87,4 % / 30 years	22,02%	108	N-TYPE MONO
831	Jinko Solar JKM440N-54HL4R-B	440	FB	1762*1134*30	25 years	87,4 % / 30 years	22,02%	108	N-TYPE MONO
832	Jinko Solar JKM440N-54HL4R-V	440	BF	1762*1134*30	15 years	87,4 % / 30 years	22,02%	108	N-TYPE MONO
833	Jinko Solar JKM445N-54HL4R-(V)	445	BF	1762*1134*30	15 years	87,4 % / 30 years	22,27%	108	N-TYPE MONO
834	Jinko Solar JKM445N-54HL4R-B	445	FB	1762*1134*30	25 years	87,4 % / 30 years	22,27%	108	N-TYPE MONO
835	Jinko Solar JKM445N-54HL4R-V	445	BF	1762*1134*30	15 years	87,4 % / 30 years	22,27%	108	N-TYPE MONO
836	Jinko Solar JKM480N-60HL4-V	480	BF	1903*1134*30	15 years	84,8 % / 25 years	22,24%	120	N-TYPE MONO
837	Jinko Solar JKM515M-72HL4-BDVP	515	SF	2274*1134*30	12 years	84,8 % / 25 years	19,97%	144	MONO
838	Jinko Solar JKM520M-72HL4-BDVP	520	SF	2274*1134*30	12 years	84,8 % / 25 years	20,17%	144	MONO
839	Jinko Solar JKM520M-72HL4-V	520	SF	2274*1134*35	12 years	84,8 % / 25 years	20,17%	144	MONO
840	Jinko Solar JKM525M-72HL4-BDVP	525	SF	2274*1134*30	12 years	84,8 % / 25 years	20,36%	144	MONO
841	Jinko Solar JKM525M-72HL4-V	525	SF	2274*1134*35	12 years	84,8 % / 25 years	20,36%	144	MONO
842	Jinko Solar JKM530M-72HL4-BDVP	530	SF	2274*1134*30	12 years	84,8 % / 25 years	20,55%	144	MONO
843	Jinko Solar JKM530M-72HL4-V	530	SF	2274*1134*35	12 years	84,8 % / 25 years	20,55%	144	MONO
844	Jinko Solar JKM535M-72HL4-BDVP	535	SF	2274*1134*30	12 years	84,8 % / 25 years	20,75%	144	MONO
845	Jinko Solar JKM535M-72HL4-V	535	SF	2274*1134*35	12 years	84,8 % / 25 years	20,75%	144	MONO
846	Jinko Solar JKM540M-72HL4-V	540	SF	2274*1134*35	12 years	84,8 % / 25 years	20,94%	144	MONO
847	Jinko Solar JKM580N-72HL4-BDV	580	BF	2278*1134*35	12 years	87,4 % / 30 years	22,45%	144	BIFACIAL DUAL GLASS
848	Jinko Solar JKM580N-72HL4-V	580	SF	2278*1134*35	12 years	87,4 % / 30 years	22,45%	144	N-TYPE MONO
849	Jinko Solar JKM585N-72HL4R-V-BDV	585	SF	2278*1134*30	12 years	87,4 % / 30 years	22,65%	144	BIFACIAL DUAL GLASS
850	Jinko Solar JKM600N-66JK4M-BDV	600	SF	2382*1134*30	12 years	87,4 % / 30 years	22,21%	132	N-TYPE BIFACIAL DBL GLASS
851	Jinko Solar JKM605N-66JK4M-BDV	605	SF	2382*1134*30	12 years	87,4 % / 30 years	22,40%	132	N-TYPE BIFACIAL DBL GLASS
852	Jinko Solar JKM610N-66JK4M-BDV	610	SF	2382*1134*30	12 years	87,4 % / 30 years	22,58%	132	N-TYPE BIFACIAL DBL GLASS
853	Jinko Solar JKM615N-66JK4M-BDV	615	SF	2382*1134*30	12 years	87,4 % / 30 years	22,77%	132	N-TYPE BIFACIAL DBL GLASS
854	Jinko Solar JKM620N-66JK4M-BDV	620	SF	2382*1134*30	12 years	87,4 % / 30 years	22,95%	132	N-TYPE BIFACIAL DBL GLASS
855	Jinko Solar JKM625N-66JK4M-BDV	625	SF	2382*1134*30	12 years	87,4 % / 30 years	23,14%	132	N-TYPE BIFACIAL DBL GLASS



Type	Output [Wp]	Frame colour	Dimensions [mm]	Product war. [years]	Output war. [% / years]	Efficiency [%]	Cells numb.	Cell type	
860	Jolywood JW-HD108N-415	415	BF	1722*1134*30	25 years	87,4 % / 25 years	21,25%	108	N-TYPE BIFACIAL J-TOPCON
861	Jolywood JW-HD108N-415	415	SF	1722*1134*30	25 years	87,4 % / 25 years	21,25%	108	N-TYPE BIFACIAL J-TOPCON
862	Jolywood JW-HD108N-415	415	FB	1722*1134*30	25 years	87,4 % / 25 years	21,25%	108	N-TYPE BIFACIAL J-TOPCON
863	Jolywood JW-HD108N-420	420	FB	1722*1134*30	25 years	87,4 % / 25 years	21,51%	108	N-TYPE J-TOPCON
864	Jolywood JW-HD108N-420	420	BF	1722*1134*30	25 years	87,4 % / 25 years	21,51%	108	N-TYPE J-TOPCON
865	Jolywood JW-HD108N-430	430	FB	1722*1134*30	25 years	87,4 % / 25 years	22,02%	108	N-TYPE BIFACIAL J-TOPCON
866	Jolywood JW-HD108N-435	435	FB	1722*1134*30	25 years	87,4 % / 25 years	22,27%	108	N-TYPE BIFACIAL J-TOPCON
867	Jolywood JW-HD108N-440	440	FB	1722*1134*30	25 years	87,4 % / 25 years	22,53%	108	N-TYPE BIFACIAL J-TOPCON
868	Jolywood JW-HD120N-380	380	SF	1773*1046*30	12 years	87,4 % / 30 years	20,83%	120	N-TYPE BIFACIAL J-TOPCON
869	Jolywood JW-HD120N-385	385	BF	1756*1039*30	12 years	87,4 % / 30 years	21,10%	120	N-TYPE BIFACIAL J-TOPCON
870	Jolywood JW-HD120N-385	385	SF	1756*1039*30	12 years	87,4 % / 30 years	21,10%	120	N-TYPE BIFACIAL J-TOPCON
871	Jolywood JW-HD120N-390	390	BF	1756*1039*30	12 years	87,4 % / 30 years	21,03%	120	N-TYPE BIFACIAL J-TOPCON
872	Jolywood JW-HD144N-460	460	SF	2095*1039*30	15 years	87,4 % / 30 years	21,13%	144	N-TYPE TOPCON BIFACIAL DBL GLASS
873	Jolywood JW-HD144N-470	470	SF	2095*1039*30	15 years	87,4 % / 30 years	21,59%	144	N-TYPE TOPCON BIFACIAL DBL GLASS
874	Jolywood JW-HD144N-560	560	SF	2278*1134*30	12 years	87,4 % / 30 years	21,61%	144	N-TYPE BIFACIAL J-TOPCON
875	Jolywood JW-HT108N-410	410	FB	1722*1134*30	25 years	87,4 % / 25 years	21,00%	108	N-TYPE BIFACIAL J-TOPCON

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Type	Output [Wp]	Frame colour	Dimensions [mm]	Product war. [years]	Output war. [% / years]	Efficiency [%]	Cells numb.	Cell type	
880	Longi LR5-54HPH-415M	415	BF	1722*1134*30	12 years	84,8 % / 25 years	21,30%	108	MONO
881	Longi LR5-54HTB-430M	430	FB	1722*1134*30	25 years	88,9 % / 25 years	22,00%	108	HPBC
882	Longi LR5-54HTB-435M	435	FB	1722*1134*30	25 years	88,9 % / 25 years	22,30%	108	MONO
883	Longi LR5-54HTB-435M	435	FB	1722*1134*30	25 years	88,9 % / 25 years	22,30%	108	HPBC
884	Longi LR5-54HTB-440M	440	FB	1722*1134*30	25 years	88,9 % / 25 years	22,50%	108	HPBC
885	Longi LR5-54HTH-425M	425	BF	1722*1134*30	15 years	88,9 % / 25 years	21,80%	108	MONO
886	Longi LR5-54HTB-430M	430	BF	1722*1134*30	15 years	88,9 % / 25 years	22,00%	108	MONO
887	Longi LR5-54HTH-440M	440	BF	1722*1134*30	25 years	88,9 % / 25 years	22,50%	108	MONO
888	Longi LR5-54HTH-445M	445	BF	1722*1134*30	25 years	88,9 % / 25 years	22,80%	108	MONO
889	Longi LR5-66HTH-530M	530	BF	2094*1134*35	15 years	88,9 % / 25 years	22,30%	132	MONO
890	Longi LR5-72HGD-580M	580	SF	2278*1134*30	12 years	87,4 % / 30 years	22,50%	144	BIFACIAL DOUBLE GLASS
891	Longi LR5-72HTD-550M	550	SF	2278*1134*35	12 years	86,9 % / 30 years	21,30%	144	MONO DOUBLE GLASS
892	Longi LR5-72HTD-555M	555	SF	2278*1134*35	12 years	86,9 % / 30 years	21,50%	144	MONO DOUBLE GLASS
893	Longi LR5-72HTD-560M	560	SF	2278*1134*35	12 years	86,9 % / 30 years	21,70%	144	MONO DOUBLE GLASS
894	Longi LR5-72HTD-565M	565	SF	2278*1134*35	12 years	86,9 % / 30 years	21,90%	144	MONO DOUBLE GLASS
895	Longi LR5-72HTD-570M	570	SF	2278*1134*35	12 years	86,9 % / 30 years	22,10%	144	MONO DOUBLE GLASS
896	Longi LR5-72HTD-575M	575	SF	2278*1134*35	12 years	86,9 % / 30 years	22,30%	144	MONO DOUBLE GLASS
897	Longi LR5-72HTD-580M	580	SF	2278*1134*35	12 years	86,9 % / 30 years	22,50%	144	MONO DOUBLE GLASS
898	Longi LR5-72HTH-585M	585	SF	2094*1134*35	15 years	88,9 % / 25 years	22,60%	144	MONO
899	Longi LR7-72HGD 585M	585	SF	2382*1134*30	12 years	87,4 % / 30 years	21,70%	144	BIFACIAL
900	Longi LR7-72HGD 590M	590	SF	2382*1134*30	12 years	87,4 % / 30 years	21,80%	144	BIFACIAL
901	Longi LR7-72HGD 595M	595	SF	2382*1134*30	12 years	87,4 % / 30 years	22,00%	144	BIFACIAL
902	Longi LR7-72HGD 600M	600	SF	2382*1134*30	12 years	87,4 % / 30 years	22,20%	144	BIFACIAL
903	Longi LR7-72HGD 605M	605	SF	2382*1134*30	12 years	87,4 % / 30 years	22,40%	144	BIFACIAL
904	Longi LR7-72HGD 610M	610	SF	2382*1134*30	12 years	87,4 % / 30 years	22,60%	144	BIFACIAL
905	Longi LR7-72HGD 615M	615	SF	2382*1134*30	12 years	87,4 % / 30 years	22,80%	144	BIFACIAL
906	Longi LR7-72HGD 620M	620	SF	2382*1134*30	12 years	87,4 % / 30 years	23,00%	144	BIFACIAL



Type	Output [Wp]	Frame colour	Dimensions [mm]	Product war. [years]	Output war. [% / years]	Efficiency [%]	Cells numb.	Cell type	
910	Phono Solar PS425M8GFH-18/VSH	425	FB	1722*1134*30	30 years	88,0 % / 30 years	21,76%		N-HTJ
911	Phono Solar PS450M6H-20/UH	450	FB	1909*1134*30	15 years	25 years	20,79%	120	PERC
912	Phono Solar PS450M6H-20/UH	450	BF	1909*1134*30	15 years	25 years	20,79%	120	PERC
913	Phono Solar PS460M6H-20/UH	450	BF	1909*1134*30	15 years	25 years	21,25%	120	PERC
914	Phono Solar PS500M6H-22/WH	500	FB	2094*1134*30	20 years	25 years	21,06%	132	PERC
915	Phono Solar PS550M6H-24/TH	550	BF	2278*1134*35	20 years	25 years	21,29%	144	PERC



Type	Output [Wp]	Frame colour	Dimensions [mm]	Product war. [years]	Output war. [% / years]	Efficiency [%]	Cells numb.	Cell type	
920	Risen RSM144-7-450M	450	SF	2108*1048*35	12 years	84,8 % / 25 years	20,40%	144	MONO
921	Risen RSM144-7-450M	450	BF	2108*1048*35	12 years	84,8 % / 25 years	20,40%	144	N-TYPE TOPCON BIF DBL GLASS



Type	Output [Wp]	Frame colour	Dimensions [mm]	Product war. [years]	Output war. [% / years]	Efficiency [%]	Cells numb.	Cell type	
930	Talesun TP6L72M (H) 450W	450	SF	2094*1038*35	12 years	84,8 % / 25 years	20,70%	144	PERC
931	Talesun TP7F54M-410W	410	SF	1722*1134*30	12 years	25 years	21,00%	108	PERC

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Type	Output [Wp]	Frame colour	Dimensions [mm]	Product war. [years]	Output war. [% / years]	Efficiency [%]	Cells numb.	Cell type
940 Tongwei M10-410-108-H-S	410	BF	1722*1134*30	12 years	84,8 % / 25 years	21,00%	108	MONO
941 Tongwei TWMND-54HB425W	425	FB	1722*1134*30	15 years	87,4 % / 30 years	21,80%	108	N-TYPE MONO
942 Tongwei TWMND-54HB430W	430	FB	1722*1134*30	15 years	87,4 % / 30 years	22,00%	108	N-TYPE MONO
943 Tongwei TWMND-54HS425W	425	BF	1722*1134*30	12 years	87,4 % / 25 years	21,80%	108	N-TYPE MONO
944 Tongwei TWMND-54HS435W	435	SF	1722*1134*30	15 years	87,4 % / 30 years	22,30%	108	N-TYPE MONO
945 Tongwei TWMND-54HS440W	440	SF	1722*1134*30	15 years	87,4 % / 30 years	22,50%	108	N-TYPE MONO
946 Tongwei TWMND-60HS480W	480	SF	1908*1134*35	12 years	87,4 % / 30 years	22,20%	120	N-TYPE MONO
947 Tongwei TWMND-60HS485W	485	SF	1908*1134*35	12 years	87,4 % / 30 years	22,40%	120	N-TYPE MONO
948 Tongwei TWMND-60HS490W	490	SF	1908*1134*35	12 years	87,4 % / 30 years	22,60%	120	N-TYPE MONO
949 Tongwei TWMND-72HS575W	575	SF	1762*1134*30	12 years	87,4 % / 30 years	22,30%	144	N-TYPE MONO
950 Tongwei TWMPD-72HD550W	550	SF	2278*1134*30	12 years	84,95 % / 30 years	21,30%	144	PERC BIFACIAL
951 Tongwei TWMPD-72HS555W	555	SF	2278*1134*35	12 years	84,8 % / 25 years	21,50%	144	PERC



Type	Output [Wp]	Frame colour	Dimensions [mm]	Product war. [years]	Output war. [% / years]	Efficiency [%]	Cells numb.	Cell type
960 Trina TSM-440NEG9R.28	440	BF	1762*1134*30	25 years	87,4 % / 30 years	22,00%	144	N-TYPE TOPCON DOUBLE GLASS
961 Trina TSM-445NEG9R.28	445	BF	1762*1134*30	25 years	87,4 % / 30 years	22,30%	144	N-TYPE TOPCON DOUBLE GLASS

SF = silver frame; BF = black frame; FB = full black; BIF = bifacial; DBL = double; D-GLASS = DUAL GLASS

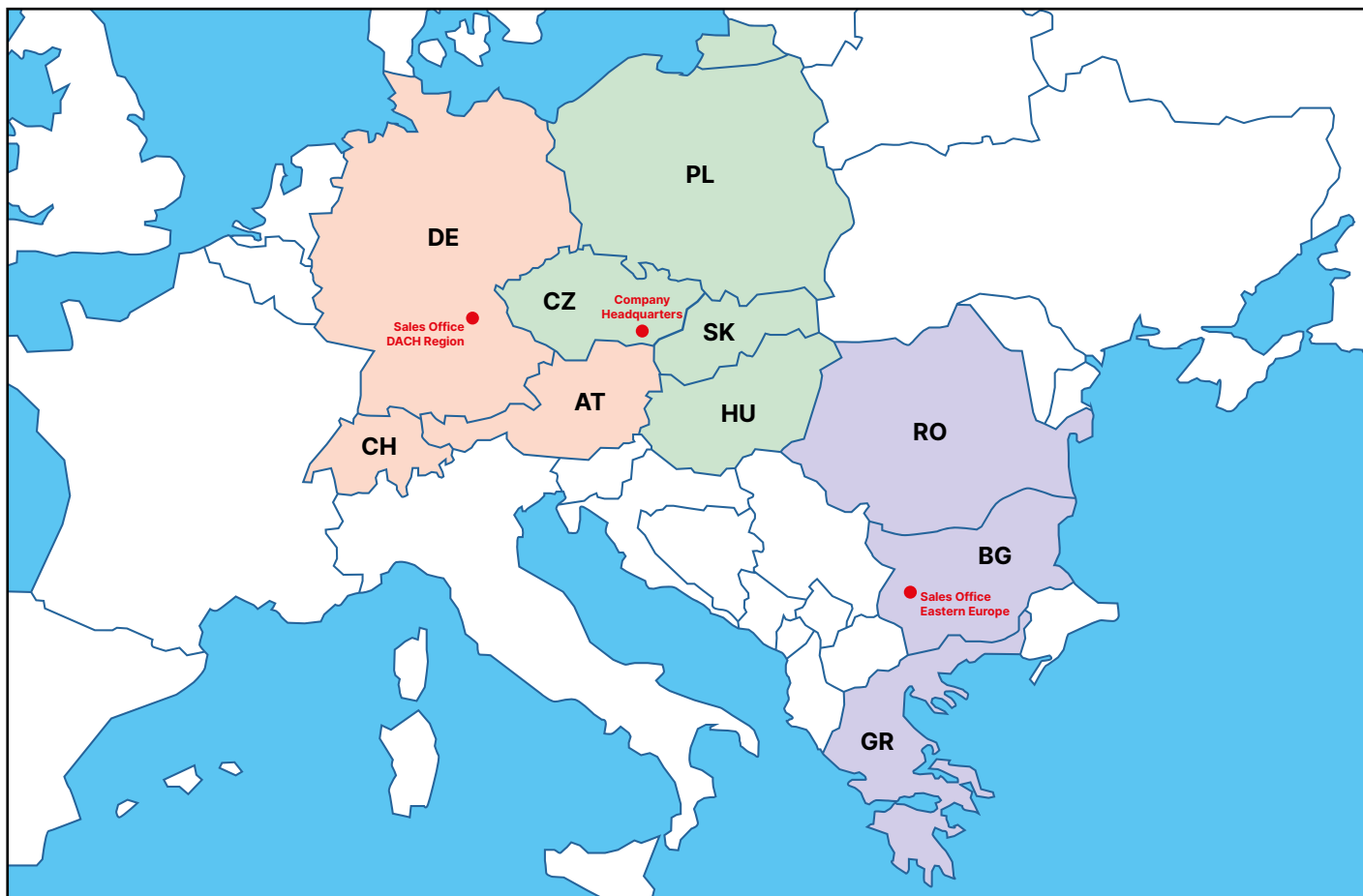
OUR TEAM





Green energy trading

The source is Yours.



Company Headquarters:

Green Energy Trading s.r.o.

Dobšická 3579/15
669 02 Znojmo, Czech Republic

Contact: +420 775 557 055
E-mail: getrading@getrading.eu

www.getrading.eu

IČ: 26964422; DIČ: CZ26964422

Sales Office DACH Region:

Green Energy Trading GmbH

Design Offices Nürnberg City

Königstorgraben 11
90402 Nürnberg, Germany

Contact: +49 (0) 160 91442081

Email: sales@get21.de

www.get21.de

Sales Office Eastern Europe:

GE Trading Bulgaria EOOD

Sofia Regus West city

Kriva Reka, Bulevard General
Eduard I. Totleben 53-55, 22
1606 Sofia, Bulgaria

Contact: +359 89 304 2441

Email: tabakov@getrading.eu

www.getrading.bg

