



## 1. Limited Product Warranty - 12 Years Repair, Replacement or Refund Remedy

SpolarPV Technology Co., Ltd (hereafter as “SpolarPV”) warrants to the original buyer (the “Buyer”) that the modules shall be free from defects in materials and workman ship that have an effect on module functionality under normal application, installation, use and service conditions as specified in SpolarPV’s standard product documentation.

SpolarPV guarantees that the module will maintain the mechanical integrity and stability in accordance with approved operation methods described in our installation instructions; the glass of a module will maintain its integrity provided there are no indications of localized impacts or external forces; and that the cable and connector plug of a module will remain safe and operational provided modules are professionally installed. Any damages caused by abrasion, improper installation or animals are exempt from this warranty.

Claims under the warranty can only be accepted if the Buyer can provide proof that the malfunctioning or nonconformity of a module results exclusively from defects in materials and/or workmanship under normal application, installation, use and service conditions specified in SpolarPV’s standard product documentation. Any color change on module or any other changes on module appearance do not represent defects, insofar as the change in appearance does not stem from defects in material and/or workmanship, and does not cause degradation of functionality of the module. If the product fails to conform to this warranty, SpolarPV will, at its option, either repair or replace the product, or provide an appropriate residual market value of the product(s) as compensation.

## 2. Limited Peak Power Warranty - Limited Remedy

**2.1** For double glass poly crystalline and mono crystalline module products, SpolarPV guarantees the first year power degradation is no more than 2% from its nameplate power. From year 2 to year 30, the actual annual power decline will be no more than 0.55%. By the end of year 30, the actual power output will be no less than 82.05 % of the labeled power output.

**2.2** The actual power output of the module shall be determined for verification using Standard Testing Conditions only. The actual power output measurement is either carried out by a SpolarPV facility or by a SpolarPV recognized 3rd party testing institute. Testing equipment tolerances will be applied to all actual power output measurements.

**2.3** In the event it is determined that there is a negative deviation of actual performance from the warranted values then SpolarPV, at its option, will compensate for such loss in power by either providing to the Buyer additional modules to make up the total wattage loss, or by repairing or replacing the modules or providing an appropriate residual market value of the product(s) as compensation.

# LIMITED WARRANTY STATEMENT PHOTOVOLTAIC MODULE PRODUCTS



**SpolarPV**  
Easy Invest, More Returns

SP-NO.1905100001

## 3.Exclusions and Limitations

**3.1** Warranty claims must in any event be filed within the applicable warranty period.

**3.2** The limited warranties do not apply to any PV modules which, in SpolarPV absolute judgment, have been subjected to:

- Misuse, abuse, neglect or accident;
- Alternation, improper installation or application;
- Non-observance of SpolarPV's installation-users and maintenance instructions;
- Repair or modifications by someone other than a qualified service technician;
- Power failure surges, lighting, flood, fire, accidental breakage or other events outside SpolarPV's control;
- Any move and subsequent installation of the module.

**3.3** The limited warranties do not cover any shipping costs for the return of the PV modules, or for reshipment of any repaired or replaced PV modules, or cost associated with installation, removal or reinstallation of the PV modules.

**3.4** Warranty claims will not be honored if the type or serial number of the PV modules have been altered, removed or made illegible. All other statements made by SpolarPV (including without limitation to those made in the SpolarPV's promotional materials) in respect of the properties, performance characteristics and other aspects of the modules are for illustration only and are not legally binding on SpolarPV. To the fullest extent permitted by law, SpolarPV excludes all implied representations and warranties in respect of the modules, their properties and performance characteristics. To the fullest extent permitted by law, SpolarPV also excludes all liabilities to the Buyer and any user of the PV modules produced by SpolarPV for any loss of actual or anticipated profits, revenues, turnover, anticipated savings, business or goodwill.

## 4.Disputes

No action, regardless of form, arising out of or in any way connected with this limited warranty policy, may be brought by the Buyer more than one (1) year after the cause of action has accrued.

## 5.Various

The repair or replacement of the PV modules or the supply of additional PV modules does not cause the beginning of new warranty terms, nor shall the original terms of this limited warranty be extended. Any replaced PV modules shall become the property of SpolarPV. SpolarPV has the right to deliver another type (different in size, color, shape and /or power) in case SpolarPV discontinues producing the PV-module in question at the time of the claim.



**„CAMERA ÎNREGISTRĂRII DE STAT” Î.S.**  
**Secția fonduri speciale și informații curente**

**EXTRAS**  
**din Registrul de stat al persoanelor juridice**

nr. 1944 din 28.01.2015

Denumirea completă: **FIRMA DE PRODUCȚIE ȘI COMERȚ «TASOTILEX» S.R.L.**

Denumirea prescurtată: **«TASOTILEX» S.R.L.**

Forma juridică de organizare: **Societate cu Răspundere Limitată.**

Numărul de identificare de stat și codul fiscal: **1003600023076.**

Data înregistrării de stat: **03.11.1998.**

Sediul: **MD-2060, str. Independenței 30/2, ap.(of.) 9, mun.Chișinău, Republica Moldova.**

Modul de constituire: **nou creată.**

Obiectul principal de activitate:

- 1 Laminarea la rece a benzilor înguste;**
- 2 Fabricarea construcțiilor din metal;**
- 3 Tratarea și acoperirea metalelor;**
- 4 Forjarea, ambutisarea, stanțarea; metalurgia pulberilor;**
- 5 Fabricarea articolelor din fire metalice.**

Capitalul social: **5400 lei.**

Administrator: **CIMBIR GHEORGHE, IDNP 0972203423170.**

Asociați:

- 1. CIMBIR GHEORGHE, IDNP 0972203423170**  
**cota 5400.00 lei, ce constituie - 100%.**

Prezentul extras este eliberat în temeiul art. 34 al Legii nr. 220-XVI din 19 octombrie 2007 privind înregistrarea de stat a persoanelor juridice și a întreprinzătorilor individuali și confirmă datele din Registrul de stat la data de: 28.01.2015.

Specialist coordonator  
tel. 022-266-253

**Gîscă Lilia**







- Station
- Overview
- Site List
- SN authorization
- User manager
- Add Site
- Logo Manager
- Settings
- Change Password

Station  Country  All

Status	Image	PowerStation	Country	Capacity	Current Power	Today's Energy	Total Energy	Total Profit	Register Time
<span style="color: green;">●</span>		maria	Moldova	20.00 KWP	12.82 KW	19.97 KWh	21.42 MWh	\$3212.61	2023-07-10 20:09:10 GMT +3
<span style="color: green;">●</span>		Plaiului 24	Moldova	5.00 KWP	2.07 KW	4.02 KWh	8.05 MWh	₱8049.7	2023-04-14 16:18:13 GMT +2
<span style="color: green;">●</span>		Jelamschi	Moldova	5.00 KWP	2.42 KW	3.65 KWh	3.18 MWh	€7947	2023-04-02 14:35:25 GMT +2
<span style="color: green;">●</span>		Ivan	Moldova	5.00 KWP	3.57 KW	6.41 KWh	5.35 MWh	€962.334	2023-02-25 21:59:16 GMT +0
<span style="color: green;">●</span>		acasa	Moldova	10.00 KWP	6.58 KW	14.37 KWh	9.04 MWh	€33891.375	2023-02-24 14:00:20 GMT +2
<span style="color: gray;">●</span>		BoicoVadim	Moldova	11.00 KWP	0 W	0.00 KWh	0.00 KWh	\$0	2023-02-21 16:34:36 GMT +2
<span style="color: gray;">●</span>		Cazacu Viorica	Moldova	5.33 KWP	0 W	0.00 KWh	4.22 MWh	€717.281	2023-01-30 11:27:47 GMT +3
<span style="color: gray;">●</span>		Ahmedov	Moldova	5.00 KWP	0 W	0.00 KWh	0.00 KWh	\$0	2023-01-20 13:19:10 GMT +3
<span style="color: green;">●</span>		thinkpower	Moldova	6.00 KWP	2.30 KW	5.39 KWh	3.75 MWh	\$375.44	2023-01-04 17:08:50 GMT +2
<span style="color: green;">●</span>		power	Moldova	5.00 KWP	2.89 KW	6.09 KWh	5.38 MWh	€5376.4	2023-01-02 08:14:11 GMT +2

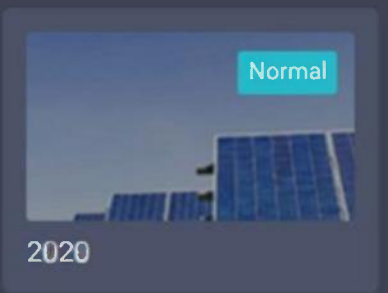


- Station
- OverView
- Site List
- SN authorization
- User manager
- Add Site
- Logo Manager
- Settings
- Change Password

Status	Image	PowerStation	Country	Capacity	Current Power	Today's Energy	Total Energy	Total Profit	Register Time	Edit
●		PowerThink	Moldova	6.00 KWP	0 W	0.00 KWh	6.19 MWh	€6191.7	2022-10-27 09:51:02 GMT -2	<a href="#">View</a>
●		Free Sun	Moldova	7.00 KWP	0 W	0.00 KWh	614.50 KWh	\$67.595	2022-10-17 15:49:32 GMT +2	<a href="#">View</a>
●		sasha	Moldova	10.00 KWP	0 W	0.00 KWh	222.20 KWh	\$26.664	2022-10-01 11:32:10 GMT +2	<a href="#">View</a>
●		stepan	Moldova	7.50 KWP	4.81 KW	9.29 KWh	9.20 MWh	\$1012.055	2022-09-24 10:36:27 GMT +2	<a href="#">View</a>
●		Dom	Moldova	0.01 KWP	0 W	0.00 KWh	8.04 MWh	¥803.91	2022-09-08 13:05:14 GMT +3	<a href="#">View</a>
●		bacili Alexandru	Moldova	5.00 KWP	2.52 KW	5.18 KWh	10.33 MWh	\$1549.02	2022-09-03 16:16:43 GMT +2	<a href="#">View</a>
●		doloscan	Moldova	8.80 KWP	6.37 KW	11.37 KWh	10.00 MWh	\$1400.028	2022-08-02 12:51:23 GMT +2	<a href="#">View</a>
●		Cazac	Moldova	5.00 KWP	0 W	0.00 KWh	0.00 KWh	¥0	2022-06-17 21:54:16 GMT +8	<a href="#">View</a>
●		Casa Electrica	Moldova	8.00 KWP	4.74 KW	10.64 KWh	9.91 MWh	€21807.06	2022-06-13 14:37:44 GMT +2	<a href="#">View</a>
●		Nicomobila	Moldova	10.00 KWP	6.19 KW	11.87 KWh	18.92 MWh	₱18921.4	2022-05-19 05:34:42 GMT +1	<a href="#">View</a>
●		anatoli	Moldova	11.00 KWP	0 W	0.00 KWh	10.23 MWh	¥10229.1	2022-03-28 16:55:18 GMT +2	<a href="#">View</a>
●		RB	Moldova	6.60 KWP	0 W	0.00 KWh	5.10 MWh	\$5097.3	2022-02-22 18:21:53 GMT +2	<a href="#">View</a>

Switch Plant

Create Plant



+ Add a Logger

Overview

Layout

Device

Authorization

Alerts

Plant detail

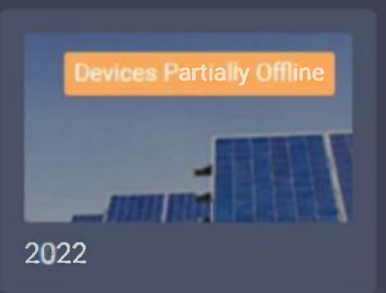
Export

Inverter    Logger    Combiner Box

Device Name	Device Status	Production Power	Production-Today	Updated Time	Operation
N2-98142 SL1ES030L3R370	Online	18.21kW	40.98kWh	2023-09-10 11:12:19	Check More
N3-18914 SL1ES030KBK735	Online	17.75kW	39.59kWh	2023-09-10 11:11:02	Check More
N1-48068 SL1ES030L3R372	Online	19.03kW	43.24kWh	2023-09-10 11:14:39	Check More
N4-22464 SL1ES030L3R386	Online	18.64kW	42.01kWh	2023-09-10 11:13:20	Check More
N5-60572 SL1ES030L3R363	Online	18.53kW	41.32kWh	2023-09-10 11:12:34	Check More
N6-67314 SL1ES030L3R375	Online	15.37kW	36.27kWh	2023-09-10 11:12:10	Check More
N8-21186 SS3ES140N5S593	Online	22.42kW	45.82kWh	2023-09-10 11:15:41	Check More
N7-21073 SS3ES140N5S623	Online	18.89kW	43.16kWh	2023-09-10 11:12:12	Check More

Switch Plant

Create Plant



+ Add a Logger

Overview

Layout

Device

Authorization

Alerts

Plant detail

Export

Inverter    Logger    Combiner Box

Device Name	Device Status	Production Power	Production-Today	Updated Time	Operation
Sihastru/dentist SH1ES160L4T594	Online	1.92kW	1.05kWh	2023-09-10 11:14:22	Check More
Ciocan Nicolae SH1ES150M8W357	Online	3.12kW	4.68kWh	2023-09-10 11:16:04	Check More
Inverter SN1ES010L8G387	Online	6.35kW	15.65kWh	2023-09-10 11:12:06	Check More
Popa Constantin SH1ES160M6M288	Online	4.45kW	7.32kWh	2023-09-10 11:11:10	Check More
Ialoven/353894411663 SF4ES010MA4307	Online	8.16kW	13.72kWh	2023-09-10 11:12:01	Check More
Macari Gh./Ciorescu SF4ES110N1K913	Online	7.17kW	14.02kWh	2023-09-10 11:13:27	Check More
Trofim /Talmaz SH1ES150M8W346	Online	2.94kW	7.08kWh	2023-09-10 11:16:11	Check More
doctorul/Causeni SS2ES108N2N702	Online	6.31kW	17.67kWh	2023-09-10 11:15:10	Check More
Inverter 25kw SL1ES025M6S417	Online	12.60kW	21.43kWh	2023-09-10 11:12:54	Check More
Tofan Dina	Online	4.79kW	12.92kWh	2023-09-10 11:13:15	Check More



Switch Plant

Create Plant



Colizei

+ Add a Logger

Overview

Layout

Device

Authorization

Alerts

Inverter    Logger    Combiner Box

Device Name	Device Status	Production Power	Production-Today	Updated Time ↕	Operation
Inverter SC4ES215J6U435	Online	7.46kW	16.30kWh	2023-09-10 11:12:47	Check More ▾
Inverter SC1ES315E59001	Online	8.72kW	19.18kWh	2023-09-10 11:14:54	Check More ▾
Inverter SC1ES320E4M001	Online	10.53kW	22.21kWh	2023-09-10 11:07:06	Check More ▾
Inverter SC1ES315E59004	Online	8.40kW	18.10kWh	2023-09-10 11:10:20	Check More ▾
Inverter SC1CS220F14047	Online	12.99kW	25.40kWh	2023-09-10 11:07:15	Check More ▾
Inverter SC1CS220F14060	Online	11.28kW	23.61kWh	2023-09-10 11:10:52	Check More ▾
Inverter SC1CS220F14076	Online	8.48kW	17.67kWh	2023-09-10 11:05:55	Check More ▾

Switch Plant

Create Plant



- + Add a Logger
- Overview
- Layout
- Device**
- Authorization
- Alerts
- Plant detail

Inverter    Logger    Combiner Box

Device Name	Device Status	Production Power	Production-Today	Updated Time	Operation
Nicolai Melcu SF1ES012HAQ832	Online	9.02kW	24.38kWh	2023-09-10 11:16:57	<a href="#">Check</a> <a href="#">More</a>
Cismaea SF1ES012HAQ815	Online	5.38kW	9.06kWh	2023-09-10 11:16:30	<a href="#">Check</a> <a href="#">More</a>
Inverter SH1ES150K1C532	Offline	2.73kW	6.71kWh	2023-08-24 11:26:45	<a href="#">Check</a> <a href="#">More</a>
Inverter SB1ES050H39417	Online	2.84kW	7.90kWh	2023-09-10 11:01:32	<a href="#">Check</a> <a href="#">More</a>
Inverter SB1ES050H39418	Online	3.37kW	8.22kWh	2023-09-10 11:03:53	<a href="#">Check</a> <a href="#">More</a>
Inverter SC1ES215F8F027	Online	3.43kW	6.86kWh	2023-09-10 11:07:00	<a href="#">Check</a> <a href="#">More</a>
Inverter SD1ES030FAA068	Offline	6.06kW	55.30kWh	2023-09-06 16:16:41	<a href="#">Check</a> <a href="#">More</a>
Tasotilex/codru SB1ES050H39414	Online	3.81kW	10.45kWh	2023-09-10 11:15:13	<a href="#">Check</a> <a href="#">More</a>
Inverter SC1ES315E59005	Online	7.02kW	14.80kWh	2023-09-10 11:11:52	<a href="#">Check</a> <a href="#">More</a>
Inverter	Offline	5.52kW	52.56kWh	2023-09-06 16:16:08	<a href="#">Check</a> <a href="#">More</a>

FPC" Tasotilex" srl  
C/f 1003600023076  
Cimbir Gheorghe  
+37369124364  
office@tasotilex.com.md

**DECLARATIE**  
**Privind experienta similara**

-www.anre.md/registrul-producatorilor-eligibili-3-213

Aici e posibil de verificat obiectele implimentate de "Tasotilex" srl aplicate cu tarif garantat pentru 15 ani de ANRE.

- 33 FPC" Tasotilex" srl -35 kw
- 34 srl "Colizeii Vechi" -145 kw
- 42 srl "Colizeii Vechi" -40 kw
- 43 srl "Colizeii Vechi" -60 kw
- 56 FPC "Tasotilex" srl -11,5 kw
- 57 srl "Bebei Prim" 100 kw
- 58 srl "Anastasia Vasilisa" -20 kw

Dupa intrarea in viguare a legii cu contorizare neta "Tasotilex" srl a implimentat sisteme fotovoltaice :

[www.solarmanpv.com](http://www.solarmanpv.com)

[www.thinkpower-manager.com](http://www.thinkpower-manager.com)

Deoarece fara parola e imposibil de vazut am facut captura de ecran.

Sunt anexate citeva pajini unde sus in dreapta e indicat :

[-office@tasotilex.com.md](mailto:-office@tasotilex.com.md) pentru invertoare Sofar si sunt la deservire la "Tasotilex" srl. Aceaste pajini nu pot fi eronate.

-tasotilexCorp sunt invertoare de la ThinkPower , inportate, instalate si la deservirea "Tasotilex" srl.

Se anexeaza 5 pajini.

Semnat:

Nume:Gheorghe Cimbir

Functia:Director

Ofertantul :FPC" Tasotilex" srl





# CERTIFICATE

## of Conformity

### Low Voltage Directive (EU) 2014/35

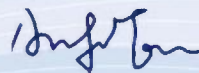
**Registration No.:** AN 50608981 0001  
**Report No.:** CN22LPF5 002  
**Holder:** SpolarPV Technology Co., Ltd.  
Maoshan Road 39,  
Gaochun Economic Development Zone  
Nanjing,  
211300 Jiangsu  
P.R. China  
**Product:** PV Module

#### Type designation listed on the next page

This certificate of conformity is based on an evaluation of a sample of the above-mentioned product. Technical Report and documentation are at the License Holder's disposal. This is to certify that the tested sample is in conformity with Annex I of Council Directive (EU) 2014/35, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex IV of the Directive.

**Date:** 2023-11-15

#### Certification Body



Angela Yao



**TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg**

CE The CE marking may be used if all relevant and effective EC Directives/Regulations are complied with. CE

# CERTIFICATE

## of Conformity

### Low Voltage Directive (EU) 2014/35

**Registration No.:** AN 50608981 0001

**Product:** PV Module

**Identification:**

**Type Designation**

Max. system voltage: up to 1500 VDC (Voc at STC):

With 1/2 cut of 158 mono c-Si cell:

SPVxxx-PM3-144BD

(xxx=390-415, in steps of 5, 144 cells)

SPVxxx-PM3-120BD

(xxx=325-345, in steps of 5, 120 cells)

With 1/2 cut of 166 mono c-Si cell:

SPVxxx-PM6-144BD

(xxx=420-460, in steps of 5, 144 cells)

SPVxxx-PM6-132BD

(xxx=385-420, in steps of 5, 132 cells)

SPVxxx-PM6-120BD

(xxx=350-385, in steps of 5, 120 cells)

SPVxxx-PM6-108BD

(xxx=315-345, in steps of 5, 108 cells)

SPVxxx-PM6-96BD

(xxx=280-305, in steps of 5, 96 cells)

SPVxxx-PM6-72BD

(xxx=210-230, in steps of 5, 72 cells)

With 1/2 cut of 182 mono c-Si cell:

SPVxxx-PM10-156BD

(xxx=565-600, in steps of 5, 156 cells)

SPVxxx-PM10-144BD

(xxx=520-555, in steps of 5, 144 cells)

SPVxxx-PM10-132BD

(xxx=480-505, in steps of 5, 132 cells)

SPVxxx-PM10-120BD

(xxx=435-460, in steps of 5, 120 cells)

SPVxxx-PM10-108BD

(xxx=390-415, in steps of 5, 108 cells)

SPVxxx-PM10-96BD

(xxx=350-370, in steps of 5, 96 cells)

SPVxxx-PM10-72BD

(xxx=260-275, in steps of 5, 72 cells)

With 1/2 cut of 182 topcon c-Si cell:



**TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg**

CE The CE marking may be used if all relevant and effective EC Directives/Regulations are complied with. CE

# CERTIFICATE

## of Conformity

### Low Voltage Directive (EU) 2014/35

**Registration No.:** AN 50608981 0001

**Product:** PV Module

**Identification:**

**Type Designation**

SPVxxx-TM10-144BD  
(xxx=555-585, in steps of 5, 144 cells)  
SPVxxx-TM10-120BD  
(xxx=460-490, in steps of 5, 120 cells)  
SPVxxx-TM10-108BD  
(xxx=410-440, in steps of 5, 108 cells)  
With 1/2 cut of 210 mono c-Si cell:  
SPVxxx-PG12-132BD  
(xxx=640-675, in steps of 5, 132 cells)  
SPVxxx-PG12-120BD  
(xxx=580-610, in steps of 5, 120 cells)  
SPVxxx-PG12-110BD  
(xxx=530-555, in steps of 5, 110 cells)  
With 1/2 cut of 210 mono c-Si cell:  
SPVxxx-PG12-T150BD  
(xxx=480-520, in steps of 5, 150 cells)  
SPVxxx-PG12-T120BD  
(xxx=385-415, in steps of 5, 120 cells)  
With 1/2 cut of 210 topcon c-Si cell:  
SPVxxx-TG12-T132BD  
(xxx=660-680, in steps of 5, 132 cells)  
SPVxxx-TG12-T120BD  
(xxx=600-620, in steps of 5, 120 cells)  
SPVxxx-TG12-T110BD  
(xxx=550-570, in steps of 5, 110 cells)

xxx represents output power in Wp

**Remarks:**

Valid in conjunction with TÜV Rheinland certificate  
PV 50591291 0001-0003.



**TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg**

CE The CE marking may be used if all relevant and effective EC Directives/Regulations are complied with. CE





TALON DE AUTORIZARE Nr. 181,  
grupa de securitate electrică III  
01.03 / 2024

Nivel de tensiune

<1000V

"DA"

≥1000V

"NU"

Nume, Prenume

Alexei Cimbiz

Funcția

electrician

Agent Economic

SRL "Tesotilex"

Vize anuale

Comisia de autorizare a  
Serviciului teritorial Chișinău, DSE al  
ANRE

Comisia de autorizare

Comisia de autorizare

Valabil până la

28 / 02 / 2024

\_\_\_ / \_\_\_ / 202\_\_

\_\_\_ / \_\_\_ / 202\_\_

Semnătura, numele, prenumele  
președintelui Comisiei

Bpurca nu Ion ZGUREANU

Semnătura, numele, prenumele  
președintelui Comisiei

Semnătura, numele, prenumele președintelui  
Comisiei





**Instituția Publică  
“MOLD-DIDACTICA”**

MD-2020 str. Socoleni 16/1  
mun. Chișinău  
Republica Moldova  
Tel. (373 2) 46-05-57 Fax. (373 2) 46-08-69  
www.mold-didactica.com.md

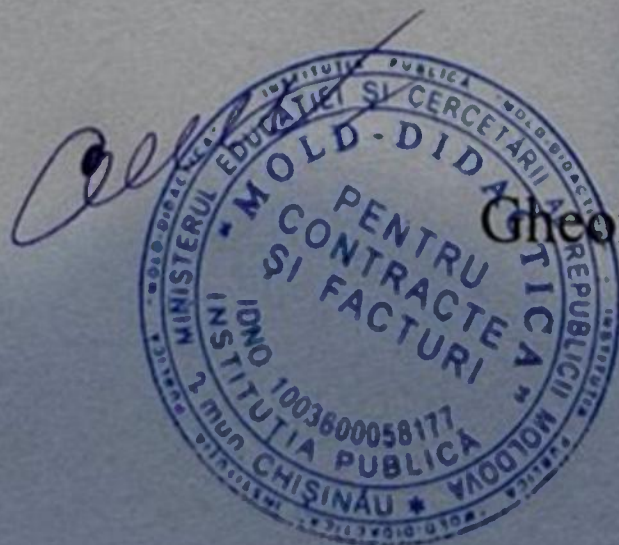
*Scrisoare de recomandare*

Prin prezenta, Instituția Publică “Mold-Didactica” își exprimă aprecierea față de colaborarea cu compania „Tasotilex” SRL, pentru calitatea superioară a instalării pompei de căldură eficient economică cât și seriozitatea personalului pe care se bazează.

Am dori să menționăm că compania „Tasotilex” SRL este fondată și gestionată de specialiști cu un grad excepțional de calificare profesională.

Toate lucrările de instalare necesare au fost executate foarte bine prin standardele înalte de calitate și eficiență.

Director



Gheorghe Gherștega



REPUBLICA



MOLDOVA

# CERTIFICAT DE ÎNREGISTRARE

PRIN PREZENTUL SE CERTIFICĂ , CĂ FIRMA DE PRODUCȚIE  
ȘI COMERȚ "TASOTILEX" SRL ESTE ÎNREGISTRATĂ LA CAMERA  
ÎNREGISTRĂRII DE STAT

*Numărul de indentificare de stat - codul fiscal*  
**1003600023076**

*Data înregistrării* **03.11.1998**

*Data eliberării* **23.12.2004**

**Bobeica Ion, registrator de stat**

*Funcția numele prenumele persoanei  
ce eliberează certificatul*

*semnătura*

**MD 0008858**





F.P.C" Tasotilex" srl  
C/f 1003600023076  
Cimbir Gheorghe  
+37369124364  
[office@tasotilex.com.md](mailto:office@tasotilex.com.md)

### INFORMATIA DESPRE OFERTANT

Denumirea: F.P.C" Tasotilex" srl  
Adresa juridica: mun. Chisinau, str. Independentei 30/2-9  
Adresa fizica: mun. Chisinau, or. Codru, str. Plaiului 24  
Codul fiscal : 1003600023076  
Codul TVA: 0301947  
Email: [office@tasotilex.com.md](mailto:office@tasotilex.com.md)  
<https://e-a.md>  
Certificatul de inregistrare : MD0008858 din 03.11.1998  
BC" Eximbank Grupp Veneto Banca" fil. 19  
BIC: EXMMMD22476  
IBAN: MD65EX0000000222401297MD

Director  
FPC" Tasotilex" srl



Gheorghe Cimbir

FPC" Tasotilex" srl  
C/f 1003600023076  
Cimbir Gheorghe  
+37369124364  
office@tasotilex.com.md

**DECLARATIE**  
**Privind experienta similara**

-[www.anre.md/registrul-producatorilor-eligibili-3-213](http://www.anre.md/registrul-producatorilor-eligibili-3-213)

Aici e posibil de verificat obiectele implimentate de "Tasotilex" srl aplicate cu tarif garantat pentru 15 ani de ANRE.

- 33 FPC" Tasotilex" srl -35 kw
- 34 srl "Colizeii Vechi" -145 kw
- 42 srl "Colizeii Vechi" -40 kw
- 43 srl "Colizeii Vechi" -60 kw
- 56 FPC "Tasotilex" srl -11,5 kw
- 57 srl "Bebei Prim" 100 kw
- 58 srl "Anastasia Vasilisa" -20 kw

Dupa intrarea in vigoare a legii cu contorizare neta "Tasotilex" srl a implimentat sisteme fotovoltaice :

[www.solarmanpv.com](http://www.solarmanpv.com)

[www.thinkpower-manager.com](http://www.thinkpower-manager.com)

Deoarece fara parola e imposibil de vazut am facut captura de ecran.

Sunt anexate citeva pajini unde sus in dreapta e indicat :

[-office@tasotilex.com.md](mailto:office@tasotilex.com.md) pentru invertoare Sofar si sunt la deservire la "Tasotilex" srl. Aceaste pajini nu pot fi eronate.

-tasotilexCorp sunt invertoare de la ThinkPower , inportate, instalate si la deservirea "Tasotilex" srl.

Se anexeaza 5 pajini.

Semnat:

Nume:Gheorghe Cimbir

Functia:Director

Ofertantul :FPC" Tasotilex" srl





GUVERNUL  
REPUBLICII  
MOLDOVA



SERVICIUL FISCAL DE STAT



# CERTIFICAT

privind lipsa sau existența restanțelor față de bugetul public național

Nr.  
№ 1418076

Din  
От 11.01.2024 14:18

## DATE DESPRE CONTRIBUABIL / ИНФОРМАЦИЯ О НАЛОГОПЛАТЕЛЬЩИКЕ

### Codul fiscal / Numărul de identificare

Фискальный код / Идентификационный номер

1003600023076

### Denumirea

Наименование

FIRMA DE PRODUCȚIE ȘI COMERȚ TASOTILEX SRL

## ATESTAREA LIPSEI SAU EXISTENȚEI RESTANȚELOR CONFORM DATELOR SISTEMULUI INFORMAȚIONAL AUTOMATIZAT / ПОДТВЕРЖДЕНИЕ ОТСУТСТВИЯ ИЛИ НАЛИЧИЯ ЗАДОЛЖНОСТЕЙ СОГЛАСНО ДАННЫМ ИНФОРМАЦИОННОЙ АВТОМАТИЗИРОВАННОЙ СИСТЕМЫ

### La data emiterii prezentului certificat restanța față de bugetul public național constituie

На дату выдачи данной справки задолженность перед национальным публичным бюджетом составляет

257.65999999999997 MDL

## VALABIL PÂNĂ LA / ДЕЙСТВИТЕЛЕН ДО

26.01.2024 14:18



Prezentul document este eliberat în temeiul Art. 29, alin. (3) din Legea cu privire la registre nr. 71/2007 și în baza datelor furnizate de Serviciul Fiscal de Stat în Portalul Guvernamental al Cetățeanului și al Unităților de Drept / Справка выдана в соответствии со ст. 29 п. (3) Закона о реестрах № 71/2007 на основании данных, предоставленных Государственной налоговой службой на Портале Правительства Гражданина и Юридических Лиц.

Generat și semnat de Portalul Guvernamental al Cetățeanului și al Unităților de Drept la 11.01.2024 14:18

Prezentul certificat este semnat electronic în conformitate cu Legea nr.124 din 19.05.2022

Сертификат подписан электронной подписью в соответствии с Законом № 124 от 19.05.2022



Certificatul este descărcat din Portalul Guvernamental al Cetățeanului și al Unităților de Drept ([mcabinet.gov.md](http://mcabinet.gov.md)) și este semnat electronic de către posesorul acestui portal și are același valoare juridică ca și documentele eliberate pe suport de hârtie de către organele cu atribuții de administrare fiscală. Verificarea autenticității semnăturii electronice poate fi realizată cu ajutorul Serviciului Guvernamental de Semnătură Electronică ([msign.gov.md](http://msign.gov.md))

Сертификат скачен с Правительственного Портала Гражданина и Юридических Лиц ([mcabinet.gov.md](http://mcabinet.gov.md)) и подписан электронной подписью владельца портала и имеет такую же юридическую силу, как и документы выдаваемые на бумаге органами налоговой администрации. Проверку подлинности электронной подписи можно осуществить с помощью Государственной Службой Электронной Подписью ([msign.gov.md](http://msign.gov.md))



Version: 1.2, Updated 18.11.2022

## Applicable products

This Factory's Warranty only applies to the following products, which are installed in European countries.

PRODUCT	STANDARD WARRANTY PERIOD (MONTHS)	SERVICE MODES
<b>INVERTERS</b>		
GRID-TIED(1.1KW~255KW)	120	Remote Technical Support Service or/ and Onsite Service
ENERGY STORAGE(ME, HYD, ESI SERIES)	60	
<b>ACCESSORIES</b>		
SOFARSOLAR ANTI-REVERSE POWER CONTROL(ARPC)	24	Remote Technical Support Service or/ and Onsite Service
SOFARSOLAR INTELLIGENT ANTI-REFLUX BOX(SAR-100)	24	
CT CLAMP	24	
SMART METER	24	
WIFI DONGLE	24	

\*This factory warranty is a promise from SOFARSOLAR to its end users on the applicable products listed above. Subject to the trading countries/states, end users may receive an additional warranty promise (should be at least equivalent to the Factory's warranty) which is provided by SOFARSOLAR's local distributor; should any claims arise in this respect, please direct the claims to the local distributor.

Please refer to the latest version of the SOFARSOLAR limited warranty by visiting our global website via <https://sofarsolar.com/>

## Warranty Period

The standard warranty period for applicable SOFARSOLAR inverters is 60 months (5 years) for Energy storage Inverters and 120 months (10 years) for Grid-tied Inverters from the warranty start date.

The Standard Warranty Period shall commence from the earlier of the following:

- (1) the date of when the first installation of the warranted product is completed, or the date of purchase on a valid purchasing invoice that end user provide.
- (2) 6 months after the date of production from Shenzhen SOFARSOLAR Co.Ltd (defined in the Serial number of the product) for circumstances where end user fails to provide a valid purchasing invoice.

## Warranty Conditions

In the case of a faulty inverter during the agreed SOFARSOLAR warranty period, please report the defective inverter with a brief error description to our service hotline for registering and send your warranty card to our service department by fax/email to process the warranty claim. You may also contact your dealer (SOFARSOLAR authorized dealer or distributor) or installer if your unit is defective or faulty.

To make a claim under the warranty periods of SOFARSOLAR, you need to provide us the following information and documentation of the faulty inverter:

- 1) Product Model and serial number
- 2) A copy of the valid purchasing invoice
- 3) Fault descriptions and error IDs (where applicable)
- 4) End user and/or claimant details
- 5) Detailed information about the entire system (module, PV system diagram, installation date, etc.)
- 6) Documentation of previous claims/exchanges (if applicable)

If an inverter is faulty while it is under SOFARSOLAR warranty period, it will be:

- Repaired by SOFARSOLAR, or
- Repaired on-site, or
- Exchanged with a refurbished inverter that includes all firmware updates

If the inverter needs to be exchanged, the remainder of the warranty period will be transferred to the replacement unit, i.e. the warranty period of the original device will continue. In this event, you will not receive a new warranty card, and this replacement will be registered by SOFARSOLAR. If the remaining warranty period is less than 6 months, you will automatically receive a 6-month warranty period for the replacement unit.

The warranty includes the cost of work and material necessary to regain a faultless functioning inverter. All other costs, particularly transports, travel and accommodation cost of SOFARSOLAR personnel as well as costs of your own staff are not included in the warranty. Furthermore, claims for compensation for direct or indirect damages arising from the defective inverter are not covered by the warranty.

Faulty inverters and components should be returned to SOFARSOLAR, they must be packed in their original or equivalent packaging for transportation.

SOFARSOLAR keeps the right to arrange the warranty service for end users and to use third parties for performing warranty services.

All warranty services are free of charge only if the action is agreed with SOFARSOLAR in advance.

### Scope of the Manufacturer Warranty

To provide excellent Service to SOFARSOLAR's end users, all SOFARSOLAR authorized Dealers or Distributors are requested to respond to your warranty claim. SOFARSOLAR will replace any products or parts of the product during the Warranty Period proved to be defective in design or manufacture. Any defect caused by the following situations will not be covered by the manufacturer's warranty (the Dealers or Distributors are responsible and authorized by SOFARSOLAR for the following investigation):

- 1) "Warranty Card" not being sent back to Distributor/Dealer or SOFARSOLAR
- 2) The Product has been modified, its design has been changed or parts have

been replaced by parts not approved by SOFARSOLAR

- 3) Changes have been made, or repairs been attempted by technician, without authorization from SOFARSOLAR, or serial number or seals have been removed
- 4) The product has been installed or commissioned incorrectly
- 5) You or another user have failed to comply with the safety regulations (VDE standards or equivalent)
- 6) The product has been improperly stored and damaged while being stored by the dealer or the end user
- 7) The defect is damage during transportation (including painting scratch caused by movement inside packaging during shipping). A claim for such transport damage should be made directly to the shipping company/insurance company as soon as the container/packaging is unloaded and such damage is identified
- 8) You or another user have failed to follow any/all of the user manual, the installation guide, and the maintenance regulations
- 9) The device has been used improperly or misused
- 10) Insufficient ventilation of the device
- 11) The maintenance procedures relating to the product have not been followed to an acceptable standard
- 12) The defect has been caused by force majeure (violent or stormy weather, lightning, overvoltage, fire etc.)
- 13) The damage is only cosmetic and has no impact on the functioning of the device

This warranty is without prejudice to your rights under the statutory law, including but not limited to warranty rights in relation to the seller, i.e. if applicable rectification, reduction of the price, rescission of the sale and damages.

All demands from or in connection with this warranty are subject to Chinese law, Shenzhen is the exclusive place of jurisdiction and all disputes arising from or in connection with this warranty should be submitted for arbitration to the Shenzhen court of international arbitration. This warranty is provided in addition to other rights and remedies held by a consumer at law.

### **Extension of the Warranty Period**

For SOFARSOLAR inverters you may apply for a warranty extension during 60 months from the date of production from SOFARSOLAR by providing the serial number and copy of the warranty card of the unit. SOFARSOLAR may reject any application received which does not meet the date requirement. Extended warranty period can be purchased to 10, 15, or 20 years.

Once the purchase of the warranty extension has been processed, SOFARSOLAR will send the warranty extension certificate to the

customer confirming the extended warranty period.

Latest information about the warranty terms and conditions and local service hotline can be obtained from our website: [www.sofarsolar.com](http://www.sofarsolar.com)

### **Contact us**

You can directly contact our professional after-sales team:

Sofarsolar GmbH, Krämerstrasse 20,72764 Reutlingen

Tel: +49 7121 31 767 30

Shenzhen Sofarsolar Co., Ltd.

TEL:+86-0755 3689 9945

Email: [service@sofarsolar.com](mailto:service@sofarsolar.com)

Web: [www.sofarsolar.eu](http://www.sofarsolar.eu)



# Certificate of Conformity (Übereinstimmungsbescheinigung)

## Certificate No. (Bescheinigungs-Nr): CN-PV-210086

On the basis of the tests undertaken, the sample<s> of the below product have been found to comply with the requirements of the referenced specification<s>/standard<s> at the time the tests were carried out. It does not imply that Intertek has performed any surveillance or control of the manufacture(s). The manufacturer(s) shall ensure that the manufacturing process assures compliance of the production units with the examined products mentioned in this certificate.

Anhand der durchgeführten Tests wurde festgestellt, dass die Probe (n) des nachstehenden Produkts zum Zeitpunkt der Durchführung der Tests den Anforderungen der angegebenen Spezifikation (n) / Norm (en) entsprachen. Dies bedeutet nicht, dass Intertek die Herstellung (en) überwacht oder kontrolliert hat. Der Hersteller stellt sicher, dass der Herstellungsprozess die Übereinstimmung der Produktionseinheiten mit den in dieser Bescheinigung genannten geprüften Produkten sicherstellt.

<b>Applicant:</b> (Bescheinigungsinhaber)	Shenzhen SOFARSOLAR Co., Ltd. 401, Building 4, AnTongDa Industrial Park, District 68, XingDong Community, XinAn Street, BaoAn District, Shenzhen, China
<b>Product:</b> (Produkt)	Solar Grid-tied Inverter (Umrichter)
<b>Model:</b> (Modell)	SOFAR 3KTLM-G3, SOFAR 3.6KTLM-G3, SOFAR 4KTLM-G3, SOFAR 4.6KTLM-G3
<b>Max. active power PEmax:</b> (max. Wirkleistung PEmax)	3.013KW; 3.693KW; 4.017KW; 4.595KW
<b>Max. apparent power SEMax:</b> (max. Scheinleistung SEMax)	3.342KVA; 3.707KVA; 4.450KVA; 4.597KVA
<b>Rated voltage:</b> (Bemessungsspannung)	230Vac
<b>Rated current (AC) Ir:</b> (Bemessungsstrom (AC) Ir)	13.6A; 16.0A; 18.2A; 21.0A
<b>Initial short-circuit AC current Ik:</b> (Anfangs-Kurzschlusswechselstrom Ik)	15.0A; 16.0A; 20.0A; 23.0A
<b>Tested according to:</b> (Geprüft nach)	<b>VDE-AR-N 4105:2018-11 „Erzeugungsanlagen am Niederspannungsnetz</b> Technische Mindestanforderungen für Anschluss und Parallelbetrieb Von Erzeugungsanlagen am Niederspannungsnetz <b>DIN VDE V 0124-100 (VDE V 0124-100):2020-06 „Netzintegration von</b> <b>Erzeugungsanlagen – Niederspannung“</b> Prüfanforderungen an Erzeugungseinheiten vorgesehen zum Anschluss Parallelbetrieb am Niederspannungsnetz
<b>Test Report No.:</b> (Prüfbericht-Nr.)	210120038GZU-001
<b>Certificate Issuing Office:</b> (Stelle des ausgestellten Zertifikats)	Intertek Testing Services Ltd. Shanghai

The above designated power generation unit meets the requirements of VDE-AR-N 4105: 2018.  
Die oben bezeichnete Erzeugungseinheit erfüllt die Anforderungen der VDE-AR-N 4105: 2018.



**Signature (Unterschrift)**  
**Certification Manager: Grady Ye**  
**Date (Datum): 27 April 2021**

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

Dieses Zertifikat ist ausschließlich für den Kunden von Intertek bestimmt und wird gemäß der Vereinbarung zwischen Intertek und seinem Kunden zur Verfügung gestellt. Die Verantwortung und Haftung von Intertek ist auf die Vertragsbedingungen beschränkt. Intertek übernimmt keine Haftung gegenüber anderen Parteien als dem Kunden gemäß der Vereinbarung für Verluste, Kosten oder Schäden, die durch die Verwendung dieses Zertifikats entstehen. Nur der Kunde ist berechtigt, das Kopieren oder Verteilen dieses Zertifikats zuzulassen. Jede Verwendung des Intertek-Namens oder einer seiner Marken für den Verkauf oder die Werbung für das getestete Material, Produkt oder die getestete Dienstleistung muss zuerst von Intertek schriftlich genehmigt werden.

## APPENDIX (ANHANG)

Annex to Certificate No. (Anhang zur Bescheinigungsnummer): CN-PV-210086

MODEL	SOFAR 3KTLM-G3	SOFAR 3.6KTLM-G3	SOFAR 4KTLM-G3	SOFAR 4.6KTLM-G3
Input (DC)				
Max. input voltage	600V			
Start-up voltage	90V			
Rated input voltage	380V			
MPPT operating voltage range	80V~550V			
Full power MPPT voltage range	200V~500V			
Max. input MPPT current	15A/15A			
Max. input short circuit current per MPPT	22.5A/22.5A			
Output (AC)				
Rated power	3000W	3680W	4000W	4600W
Max. AC power	3300VA	3680VA	4400VA	4600VA
Rated output current	13.6A	16A	18.2A	21A
Max output current	15A	16A	20A	23A
Nominal grid voltage	230Vac			
Nominal frequency	50Hz/60Hz			
Power factor	1default(+/-0.8 adjustable)			
Ambient temperature range	-30~+60°C			
Degree of protection	IP65			
Cooling	Natural			
Software version	V000001			

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

Dieses Zertifikat ist ausschließlich für den Kunden von Intertek bestimmt und wird gemäß der Vereinbarung zwischen Intertek und seinem Kunden zur Verfügung gestellt. Die Verantwortung und Haftung von Intertek ist auf die Vertragsbedingungen beschränkt. Intertek übernimmt keine Haftung gegenüber anderen Parteien als dem Kunden gemäß der Vereinbarung für Verluste, Kosten oder Schäden, die durch die Verwendung dieses Zertifikats entstehen. Nur der Kunde ist berechtigt, das Kopieren oder Verteilen dieses Zertifikats zuzulassen. Jede Verwendung des Intertek-Namens oder einer seiner Marken für den Verkauf oder die Werbung für das getestete Material, Produkt oder die getestete Dienstleistung muss zuerst von Intertek schriftlich genehmigt werden.



**BUREAU  
VERITAS**

## ATTESTATION of conformity with European Directives

Attestation Number: 2288AB090130001  
 Product: Solar Grid-tied Inverter  
 Brand Name: **SOFAR**  
 Model: SOFAR 6KTLM-G3, SOFAR 3KTLM-G3  
 Additional Model: SOFAR 3.6KTLM-G3, SOFAR 3.6KTLM-G3-J, SOFAR 4KTLM-G3,  
 SOFAR 4.6KTLM-G3, SOFAR 5KTLM-G3, SOFAR 5KTLM-G3-A  
 Applicant: Shenzhen SOFARSOLAR Co., Ltd.  
 Address: 11/F., Gaoxingqi Technology Building, No.67 Area, Xingdong  
 Community, Xin'an Sub-district, Bao'an District, Shenzhen City, China  
 Technical Characteristics: SOFAR 3KTLM-G3: Input DC 200V-500V 22.5A Max; Output AC  
 180V-276V 50/60Hz 15A Max  
 SOFAR 6KTLM-G3: Input DC 260V-500V 22.5A Max; Output AC  
 180V-276V 50/60Hz 29A Max

The submitted sample of the above equipment has been tested for **CE** marking according to following European Directive and following standards:

- Electromagnetic Compatibility Directive 2014/30/EU

Standards	Report Number	Report date
EN 61000-6-3:2007 + A1:2011 + AC:2012 EN IEC 61000-3-2:2019 EN 61000-3-3:2013+A1:2019 EN IEC 61000-3-11:2019 EN 61000-3-12:2011 EN 61000-6-2:2005	CE2209WDG0130	Sep. 21, 2022

The referred test report(s) show that the product complies with standard(s) recognized as giving presumption of compliance with the essential requirements in the specified European Directive.

This verification does not imply assessment of the production of the product. The **CE** marking may be affixed if all relevant and effective European Directives with **CE** are applicable.



Assistant Manager  
EMC Department

Name: Glyn He  
Date: Sep. 21, 2022

This document shall not be reproduced, except in full, without the written approval of  
Bureau Veritas Shenzhen Co., Ltd.

Information given in this document is related to the tested specimen of the described electrical sample.

Bureau Veritas Shenzhen Co., Ltd.  
Dongguan Branch

No. 96, Guantai Road (Houjie Section), Houjie  
Town, Dongguan City, Guangdong Province.  
523942, People's Republic of China.

Tel.: +86 769 8998 2098  
Fax: +86 769 8593 1080  
Email: [customerservice.dg@bureauveritas.com](mailto:customerservice.dg@bureauveritas.com)





Product Service

# Attestation of Conformity

No. N8A 104798 0030 Rev. 00

**Holder of Certificate:** **RECOM SILLIA SAS**  
4 Avenue Pierre Marzin  
22300 Lannion  
FRANCE

**Product:** **Crystalline Silicon Terrestrial Photovoltaic (PV) Modules**  
**Mono-Crystalline Silicon Photovoltaic Module**

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for testing and certification. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 704062225401-00

**Date,** 2022-06-09

( Zhulin Zhang )

Page 1 of 3

After preparation of the necessary technical documentation as well as the EU declaration of conformity the required CE marking can be affixed on the product. The declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.



# Attestation of Conformity

No. N8A 104798 0030 Rev. 00

## Model(s):

RCM-xxx-6ML, xxx= 400 to 430 in steps of 5  
 RCM-xxx-6MA, xxx= 355 to 400 in steps of 5  
 RCM-xxx-6MK, xxx= 340 to 365 in steps of 5  
 RCM-xxx-6MB, xxx= 295 to 330 in steps of 5  
 RCM-xxx-6MN, xxx= 455 to 500 in steps of 5  
 RCM-xxx-6MF, xxx= 420 to 460 in steps of 5  
 RCM-xxx-6MM, xxx= 385 to 420 in steps of 5  
 RCM-xxx-6ME, xxx= 350 to 385 in steps of 5  
 RCM-xxx-6MN, xxx= 420 to 440 in steps of 5  
 RCM-xxx-6MF, xxx= 390 to 410 in steps of 5  
 RCM-xxx-6MM, xxx= 355 to 375 in steps of 5  
 RCM-xxx-6ME, xxx= 325 to 340 in steps of 5  
 RCM-xxx-6MN "G1", xxx= 415 to 435 in steps of 5  
 RCM-xxx-6MF "G1", xxx= 380 to 405 in steps of 5  
 RCM-xxx-6MM "G1", xxx= 355 to 370 in steps of 5  
 RCM-xxx-6ME "G1", xxx= 320 to 335 in steps of 5  
 RCM-xxx-6BMN, xxx= 455 to 500 in steps of 5  
 RCM-xxx-6BMF, xxx= 420 to 460 in steps of 5  
 RCM-xxx-6BMM, xxx= 385 to 420 in steps of 5  
 RCM-xxx-6BME, xxx= 350 to 385 in steps of 5  
 RCM-xxx-7MN, xxx= 560 to 605 in steps of 5  
 RCM-xxx-7MF, xxx= 520 to 555 in steps of 5  
 RCM-xxx-7MM, xxx= 475 to 510 in steps of 5  
 RCM-xxx-7ME, xxx= 435 to 465 in steps of 5  
 RCM-xxx-7MG, xxx= 390 to 415 in steps of 5  
 RCM-xxx-7BMN, xxx= 565 to 605 in steps of 5  
 RCM-xxx-7BMF, xxx= 525 to 555 in steps of 5  
 RCM-xxx-7BMM, xxx= 480 to 510 in steps of 5  
 RCM-xxx-7BME, xxx= 435 to 465 in steps of 5  
 RCM-xxx-7BMG, xxx= 395 to 415 in steps of 5  
 RCM-xxx-8MV, xxx= 480 to 515 in steps of 5  
 RCM-xxx-8MAF, xxx= 450 to 480 in steps of 5  
 RCM-xxx-8MAE, xxx= 420 to 445 in steps of 5  
 RCM-xxx-8MU, xxx= 385 to 410 in steps of 5  
 RCM-xxx-8MAD, xxx= 290 to 310 in steps of 5  
 RCM-xxx-8BMV, xxx= 480 to 515 in steps of 5  
 RCM-xxx-8BMAF, xxx= 450 to 480 in steps of 5  
 RCM-xxx-8BMAE, xxx= 420 to 445 in steps of 5  
 RCM-xxx-8BMU, xxx= 385 to 410 in steps of 5  
 RCM-xxx-8BMAD, xxx= 290 to 310 in steps of 5  
 RCM-xxx-8MM, xxx= 630 to 670 in steps of 5  
 RCM-xxx-8ME, xxx= 575 to 610 in steps of 5  
 RCM-xxx-8MW, xxx= 525 to 560 in steps of 5  
 RCM-xxx-8MP, xxx= 480 to 510 in steps of 5  
 RCM-xxx-8MX, xxx= 430 to 455 in steps of 5  
 RCM-xxx-8MO, xxx= 385 to 405 in steps of 5  
 RCM-xxx-8BMM, xxx= 630 to 670 in steps of 5  
 RCM-xxx-8BME, xxx= 575 to 610 in steps of 5  
 RCM-xxx-8BMW, xxx= 525 to 560 in steps of 5  
 RCM-xxx-8BMP, xxx= 480 to 510 in steps of 5  
 RCM-xxx-8BMX, xxx= 430 to 455 in steps of 5  
 RCM-xxx-8BMO, xxx= 385 to 405 in steps of 5  
 xxx is standing for rated output power at STC



Product Service

# Attestation of Conformity

No. N8A 104798 0030 Rev. 00

## Parameters:

Construction:	Framed, with Junction box, Cable and connectors.
Test Laboratory:	Yangzhou Opto-Electrical Products Testing Institute, No. 10 West Kaifa Road, Yangzhou 225009 Jiangsu, P. R. China.
Safety Class:	Class II
Max. system voltage:	1500V DC
Fire Safety Class:	Class C according to UL790

## Tested according to:

EN IEC 61730-1:2018  
 EN IEC 61730-1:2018/AC:2018-06  
 EN IEC 61730-2:2018  
 EN IEC 61730-2:2018/AC:2018-06





**SpolarPV**  
Easy Invest, More Returns



**22.85 %**

Module efficiency

**590 W**

Highest power output

**12**  
years

Product warranty

**30**  
years

Linear power warranty

# SPV590-TM10-144BD

## 565-590Watt



### High Efficiency and Lower Temperature Coefficient

Higher power conversion efficiency and lower temperature coefficient benefited from advanced Tunnel Oxide Passivating Contacts (TOPCon) technology.



### Anti-reflection

Less than 20% reflectivity with minimum glare.



### Good Mechanical Load Performance

Certified to withstand: wind load (2400 Pa), snow load and hail strike(5400 Pa) .



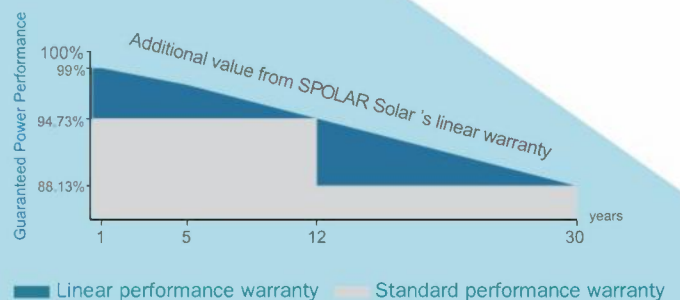
### Low Light Performance Resilience

Advanced glass and cell surface texture designs ensure excellent performance in low light environment.



### Durability Against Extreme Environmental Conditions

Good performance of Anti-PID, Ammonia and Salt mist certified by 2 PfG 2387/01.18, IEC61716 and IEC61701.



ISO9001:2016 ISO14001:2016  
OHSAS18001:2011 certified factory,  
IEC61215 IEC61730 certified products.

## Electrical Characteristics at Standard Test Conditions (STC)

Module Type	SPV565-TM10-144BD	SPV570-TM10-144BD	SPV575-TM10-144BD	SPV580-TM10-144BD	SPV585-TM10-144BD	SPV590-TM10-144BD
Maximum Power - Pmax (W)	565	570	575	580	585	590
Maximum Power Voltage - Vmp (V)	42.55	42.71	42.87	43.03	43.17	43.38
Maximum Power Current - Imp (A)	13.29	13.35	13.42	13.50	13.55	13.60
Open-circuit Voltage - Voc (V)	50.39	50.55	50.68	50.86	51.02	52.27
Short-circuit Current - Isc (A)	14.20	14.26	14.33	14.40	14.47	14.53
Module Efficiency STC (%)	21.89 %	22.08 %	22.28 %	22.47 %	22.66 %	22.85 %

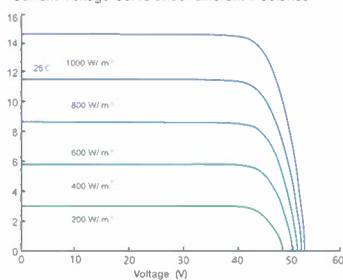
## Electrical Characteristics at Normal Operating Cell Temperature (NOCT)

Module Type	SPV565-TM10-144BD	SPV570-TM10-144BD	SPV575-TM10-144BD	SPV580-TM10-144BD	SPV585-TM10-144BD	SPV590-TM10-144BD
Maximum Power - Pmax (W)	430	434	437	440	444	447
Maximum Power Voltage - Vmp (V)	39.49	39.69	39.79	39.91	40.10	40.22
Maximum Power Current - Imp (A)	10.90	10.95	10.99	11.03	11.07	11.12
Open-circuit Voltage - Voc (V)	47.70	47.80	47.98	48.20	48.43	48.63
Short-circuit Current - Isc (A)	11.46	11.51	11.56	11.59	11.84	11.89
Power Tolerance	0 ~ +3W		Operating Temperature (°C)		-40 °C ~ +85 °C	
Temperature Coefficients of Pmax	-0.30% / °C		Maximum System Voltage		1500 V	
Temperature Coefficients of Voc	-0.275% / °C		Maximum Series Fuse Rating		25 A	
Temperature Coefficients of Isc	0.045% / °C		Nominal Operating Cell Temperature		45 ± 2 °C	

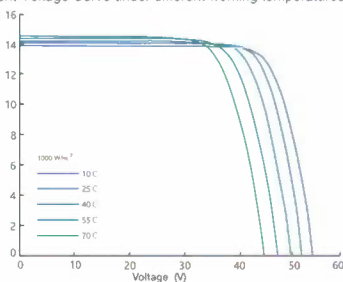
## Mechanical Characteristics

Cell Type	Mono-crystalline TOPCon 182x91 mm
No. of Cells	144 (6x24)
Dimensions	2278x1133x30 mm
Weight	32.5 kg
Glass	Dual Glass 2.0mm Heat Strengthened Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68, MC4 Compatible, 3 Bypass Diode
Output Cables	1x4.0 mm <sup>2</sup> , Length: 300 mm or Customized Length
Packaging Configuration	72pcs/stack, 720pcs/40'HQ Container ( Two pallets=One stack )

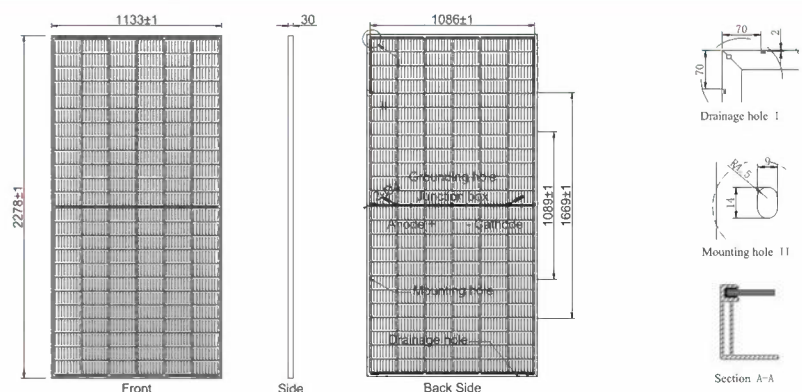
Current-Voltage Curve under different irradiance



Current-Voltage Curve under different working temperatures



[www.spolarpv.com](http://www.spolarpv.com)



# HYD 5K~20KTL-3PH

5 / 6 / 8 / 10 / 10 / 15 / 20 kW

## THREE-PHASE ENERGY STORAGE INTEGRATED INVERTER



### Product advantages

- Various operational modes for optimal performance
- Off-grid output can be connected to unbalanced load, three-phase separate output is supported
- Up to 2 MPPTs, allowing a flexible configuration
- Multiple parallel systems, more flexible system solutions
- Maximum two battery inputs
- Fully digital operation, enabling higher control accuracy



Datasheet	HYD SKTL-3PH	HYD 6KTL-3PH	HYD 8KTL-3PH	HYD 10KTL-3PH	HYD 10KTL-3PH-A*	HYD 15KTL-3PH	HYD 20KTL-3PH
<b>DC input (PV)</b>							
Recommended max. PV input power	7500Wp (6000Wp/6000Wp)	9000Wp (6600Wp/6600Wp)	12000Wp (6600Wp/6600Wp)	15000Wp (7500Wp/7500Wp)	15000Wp (7500Wp/7500Wp)	22500Wp (11250Wp/11250Wp)	30000Wp (15000Wp/15000Wp)
Max. input voltage				1000V			
Start-up voltage				200V			
Rated input voltage				600V			
MPPT operating voltage range				180V-960V			
Number of MPPT				2			
Max. number of input strings per MPPT				1/1	2/2		
Max. input current per MPPT				12.5A/12.5A	25A/25A		
Max. short-circuit current per MPPT				15A/15A	30A/30A		
<b>AC output (on-grid)</b>							
Rated output power	5000W	6000W	8000W	10000W	10000W	15000W	20000W
Rated output current	7.2A	8.7A	11.6A	14.5A	14.5A	21.7A	29.0A
Rated grid voltage	3/N/PE, 230/400Vac						
Rated grid frequency	50/60Hz						
Max. output apparent power	5500VA	6600VA	8800VA	11000VA	10000VA	16500VA	22000VA
Max. output current	8A	10A	13A	16A	16A	24A	32A
THDI	<3%						
Power factor	1 default (+/-0.8 adjustable)						
<b>Battery parameters</b>							
Battery type	Lithium-ion & Lead-acid[3]						
Battery voltage range	180V-800V						
Number of battery input channels	1	1	1	2	2	2	2
Max. charge/discharge power	5000W	6000W	8000W	10000W	10000W	15000W	20000W
Max. charge/discharge current	25A	25A	25A	50A(25A/25A)	50A(25A/25A)	50A(25A/25A)	50A(25A/25A)
BMS communication mode	CAN, RS485						
<b>AC output (off-grid)</b>							
Rated output power	5000W	6000W	8000W	10000W	10000W	15000W	20000W
Rated output current	7.2A	8.7A	11.6A	14.5A	14.5A	21.7A	29.0A
Rated output voltage	3/N/PE, 230/400Vac						
Rated output frequency	50/60Hz						
Max. output apparent power	5500VA	6600VA	8800VA	11000VA	11000VA	16500VA	22000VA
Peak output apparent power, time	10000VA, 60s	12000VA, 60s	16000VA, 60s	20000VA, 60s	20000VA, 60s	22000VA, 60s	22000VA, 60s
Max. output current	8A	10A	13A	16A	16A	24A	32A
THDv (@ linear load)	<3%						
Switching time	<10ms						
<b>Efficiency</b>							
Max. MPPT efficiency				99.9%			
Max. efficiency	98%	98%	98%	98.2%	98.2%	98.2%	98.2%
European efficiency	97.5%	97.5%	97.5%	97.7%	97.7%	97.7%	97.7%
Max. efficiency of charging/discharging [1]	97.6%	97.6%	97.6%	97.8%	97.8%	97.8%	97.8%
<b>Protection</b>							
DC switch				Yes			
PV reverse connection protection				Yes			
Battery reverse connection protection				Yes			
Output short circuit protection				Yes			
Output overcurrent protection				Yes			
Output overvoltage protection				Yes			
Insulation impedance detection				Yes			
Residual current detection				Yes			
Anti-island protection				Yes			
Surge protection	PV: Type II, AC: Type II						
<b>General parameters</b>							
Operating temperature range	-30 C ~ 60 C						
Relative humidity range	5%-95%						
Max. operating altitude	<4000m						
Standby self-consumption [2]	<20W						
Topology	Transformerless						
Installation method	Wall-mounted						
Degree of protection	IP65						
Dimensions (W*H*D)	586*515*261.2mm						
Cooling mode	Natural	Natural	Natural	Forced airflow	Forced airflow	Forced airflow	Forced airflow
Weight	33kg	33kg	33kg	37kg	37kg	37kg	37kg
Communication	RS485/CAN/WiFi, Optional: Ethernet/4G						
Display	LCD & Bluetooth-APP						
Standard	EN61000-1, EN61000-2, EN61000-3, EN61000-4, EN61000-4-16, EN61000-4-18, EN61000-4-29, IEC62109-1, IEC62109-2, NB-T32004/IEC62040-1, AS/NZS 4777, VDE V 0124-100, V0126-1-1, VDE-AR-N 4105, CEI 0-21/CEI 0-16, C10/11, EN50438/EN50549, GB3/C59/C98/C99, UTE C15-712-1, UNE206 007-1						

[1] Battery-AC maximum efficiency of battery charge and discharge [2] Standby loss at rated input voltage [3] Please refer to document 'SOFAR inverter Model compatible battery list'  
\*All specifications are subject to change without notice.



**Oferta privind lucrările de construcție a centralei electrice fotovoltaice  
Hybrid 10kw/3ph**

**Tabelul nr.3**

Nr.	Denumire	UM	Cantitatea	Preț, MDL	Suma, MDL	Termen de implementare
1.	Elaborarea documentației de proiect	set	1	6250-00	12500-00	
2.	Invertor (Sofar HYD 10KTL-3ph) Baterie BTS 5K -2 buc Bloc de distributie	set	1	118900-00	118900-00	
3.	Panouri solare monocristaline (585w)	buc	18	2155-00	38790-00	
4.	Retelele electrice	set	1	15440-00	15440-00	
5.	Sistem de fixare a panourilor.	set	1	29500-00	29500-00	
6.	Sistem de monitorizare si protectie	set	1	9500-00	9500-00	
7.	Priza de pamint	set	1	5300-00	5300-00	
8.	Servicii de instalare	set	1	14600-00	14600-00	
9.	Documentele pentru darea in exploatare.	set	1	9500-00	9500-00	
10.						
11.						
12.	Termen de implementare la cheie, din data semnării contractului	luni	-	-	-	2
13.	Garanția generală	Luni	-	-	-	60
14.	Corespunderea prevederilor Caietului de Sarcini (tabelul 1) (da/nu)					da
	<b>TOTAL oferta</b>	-	-	-	254030	

**Termenul de valabilitate a ofertei e de 60 zile calendaristice din momentul depunerii ofertei.**

Director FPC "Tasotilex" srl  
22.07.2024



Gheorghe Cimbir

# BTS E5~E20-DS5

5 / 10 / 15 / 20 kWh

## INTELLIGENT ENERGY STORAGE



### Product advantages

- Modular and integrated design for easy transportation and installation
- Maximal battery energy with pack optimization
- Flexible battery capacity expansion
- Extremely low battery self-consumption in sleep mode
- User-friendly one-button battery operation
- Energy storage specially for ME/HYD 5K~20KTL-3PH inverters



Model	BTS E5-DS5	BTS E10-DS5	BTS E15-DS5	BTS E20-DS5
<b>System Parameters</b>				
System Schematic				
Battery type <sup>[1]</sup>	LFP			
Battery distribution unit	BTS 5K-BDU			
Number of Battery Distribution Unit	1			
Battery module	BTS 5K			
Number of Battery Modules	1	2	3	4
Battery total energy <sup>[2]</sup>	5.12kWh	10.24kWh	15.36kWh	20.48kWh
Rated capacity	100Ah	200Ah	300Ah	400Ah
Rated power	2.5kW	5kW	7.5kW	10kW
Nominal voltage	400 Vdc			
Operating voltage range	350~435 Vdc			
Max. charging current	6A	12A	18A	24A
Max. discharging current	7.5A	15A	22.5A	30A
<b>General Parameters</b>				
Display	LED			
Communication	CAN			
Dimension(W*H*D)	708*680*170mm	708*1100*170mm	708*1520*170mm	708*1940*170mm
Weight	59kg	110kg	161kg	212kg
Enclosure Type	IP65			
Cooling	Natural			
Operating Temperature Range <sup>[3]</sup>	Charge: 0°C - +50°C / Discharge: -10°C - +50°C			
Humidity	5-95%			
Installation	Floor Stand			
Max. operating altitude <sup>[4]</sup>	4000m			
<b>Battery Module <sup>[5]</sup></b>				
Model	BTS 5K			
Battery module energy	5.12kWh			
Nominal voltage	400 Vdc			
Rated power	2500W			
Dimension(W*H*D)	708*420*170mm			
Weight	50kg			
<b>Battery Distribution Unit</b>				
Model	BTS 5K-BDU			
Operating Voltage Range	350~435 Vdc			
Maximum Current	30 A			
Number of BTS 5K	1~4			
Protective Class	Class I			
Enclosure Type	IP65			
Dimension (W*H*D)	708*200*170mm			
Weight	7.5kg			
<b>Ordering and Deliverable Part</b>				
Product ordering model <sup>[6]</sup>	BTS 5K, BTS 5K-BDU			

[1] Rechargeable Li-ion Battery system. [2] Test conditions: 0.2C charging/discharging at 25°C, 100% DOD. [3] Refer to the temperature derating curve. [4] If the altitude is >2000m, derating operation is required, refer to the derating curve. [5] The internal battery pack is 51.2V, 100Ah. [6] Storage system is ordered and delivered in the form of power module and battery module separately with corresponding quantity. \*All specifications are subject to change without notice.