Reg. No. 2023/0842
P.O Box 80380 Olympia
Windhoek, Namibia 9000
info@bluethemesenergy.com
https://www.bluethemesenergy.com/
Mobile: +264(0)81 593 7168/+264(0)81 4433646
212 Gold Street Prosperita Industrial Units, Windhoek, Namibia

Blue Themes Energy (Pty) Ltd

1. General Information

Blue Themes Energy (Pty) Ltd, founded in 2023, is a young energy company in Namibia engaged in the distribution of world leading photovoltaic modules, solar pumping systems, energy storage systems, BIPV, green hydrogen production equipment and EPC contracting (Utility, Commercial & Residential).

Blue Themes Energy (Pty) Ltd is the first company in Namibia to introduce Suntech PV modules focusing on leading 540-560W Ultra V Half-Cell P-type Monofacial module and the 565-585W Ultra V Pro Half-Cell N-Type TOPCon Bifacial Module.

Blue Themes Energy (Pty) Ltd is the first company in Namibia to introduce Solartech Solar Pumping Systems which are world leading solar water conservancy solutions for living water supply, agriculture & forest irrigation, pasture animal husbandry, desert control, seawater and brackish water desalination and ecological waterscape.

Blue Themes Energy (Pty) Ltd is the exclusive distributor of Suntech modules and Solartech solar pumping systems in Namibia, we aim to become a leading trusted PV distributor and ultimately manufacturer of numerous smart energy technology through innovative and excellent management.

2. Company Particulars

Company Name:	Blue Themes Energy (Pty) Ltd
Company Address:	212 Gold Street, Prosperita Industrial Units P.O.Box 80380, Olympia, Windhoek, Namibia
Cell:	+264(0)81 5937168 / +264(0)81 4433646
Email:	info@bluethemesenergy.com
Web:	www.bluethemesenergy.com
Company registration No.:	2023/0842
Income Tax registration No.:	13866736011
Social Security Reg. No.:	30176893

3. Products

Exclusive Distributor of Suntech PV Modules in Namibia.

* Ultra V Half-Cell P-Type Monofacial module

* Ultra V Pro Half-Cell N-Type TOPCon Bifacial Module

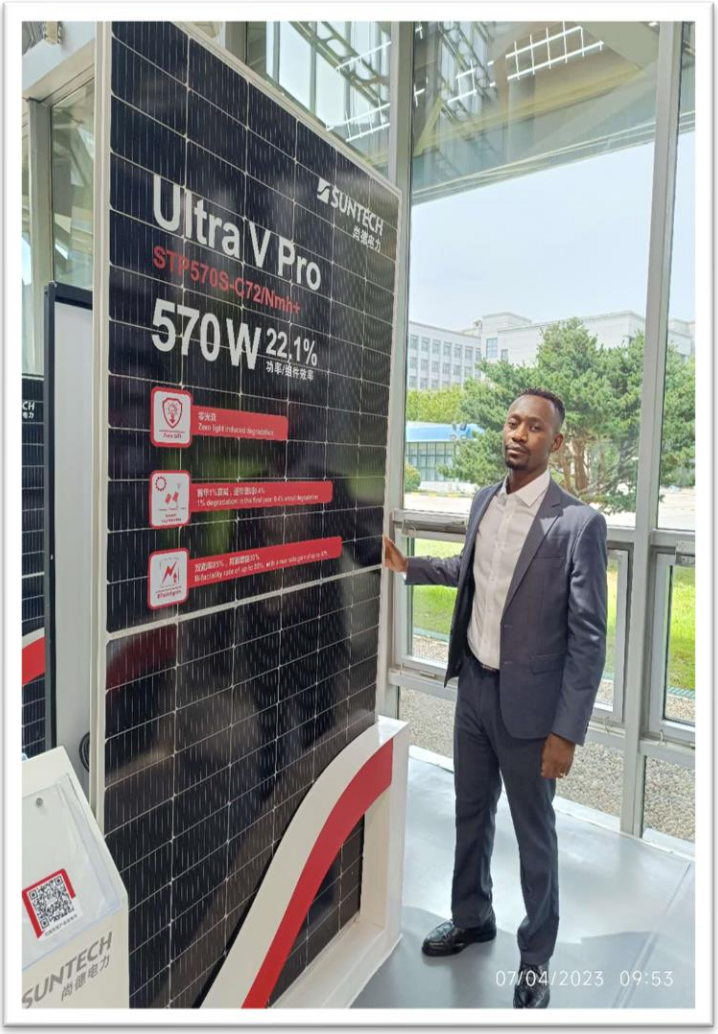


Figure 1: Blue Themes Energy (Pty) Ltd Managing Director inspecting the Ultra V Pro 570W Suntech Module at Wuxi Suntech Power Co., Ltd, China

*** Mounting Structure Supply**: C type Steel, Aluminum or HDPE optional. We can provide installation drawings.

*** See attached product sheets for technical specifications.**

Exclusive Distributor of Solartech Solar Pumping Systems in Namibia.

Figure 2: Blue Themes Energy (Pty) Ltd Managing Director signing sole distributor agreement with Shenzhen Solartech Renewable Energy Co., Ltd, Jiu- Jiu-Xiang-Ling Industrial Park, Xi-Li, Nanshan District, Shenzhen, P.R.China 518055

* AC SOLAR PUMPING SYSTEM

Suitable for large-scale agricultural irrigation, village water supply and desertification prevention and control. It can provide renewable energy application solutions for countries around the world, especially developing countries, to address challenges such as energy and electricity shortages, water access and supply issues, food crises and land desertification.

AC PUMP

AC SOLAR PUMPING INVERTER

* PM SOLAR PUMPING SYSTEM

Suitable for small farm irrigation, household water supply, livestock drinking water, and other fields. It can provide cost-effective water supply solutions for the domestic use, agricultural irrigation and livestock farming of farmers and herdsmen in off-grid and power deficient areas, helping to reduce and alleviate poverty in rural areas, improve living environments and maintain community stability.

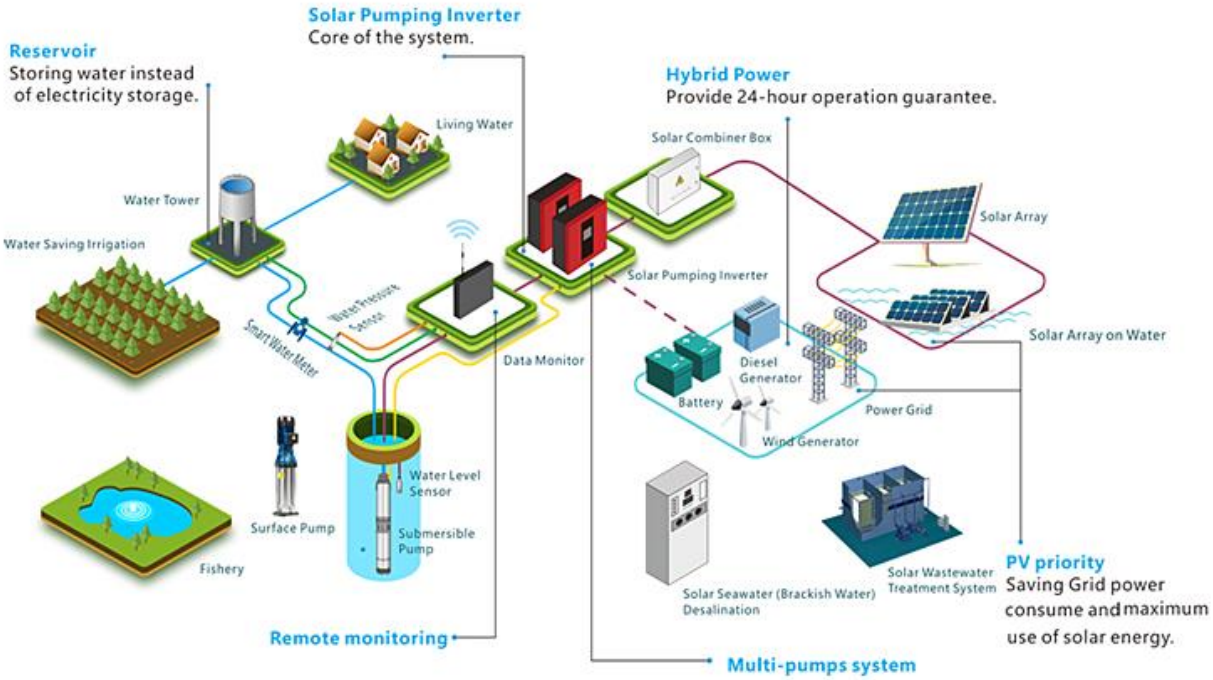
PM PUMP

PM SOLAR PUMPING INVERTER

* SOLAR COMBINER BOX

* SOLAR PUMPING SYSTEM ACCESSORIES

* SOLAR WATER CONSERVANCY SYSTEM SOLUTIONS



4. Services

Renewable Energy EPC Contracting
Smart Energy Technology Procurement
Energy Transition Research & Development
Energy Generation
Energy Trading

5. Short Overview of Directors Expertise and Qualifications

Managing Director

Name:	Malakia D. Naholo
Languages:	English, Afrikaans, Chinese, Oshiwambo
Highest Qualification:	MURP (Energy Transitions) – Beijing Jiaotong University, China
Cellphone:	+8617207113130 / +264 (0) 85 333 5551

Projects Director

Name:	Dulikeni S. Haulofu
Languages:	English, Afrikaans, Oshiwambo
Highest Qualification:	BEng (Electrical) – Taylor's University, Malaysia
Cellphone:	+264(0)81 5937168

Operations Director

Name:	Tuhafeni K. Shishiiveni
Languages:	English, Oshiwambo, Portuguese
Highest Qualification:	BTech Honours (Information Technology) – UNAM, Namibia
Cellphone:	+264814433646

Technical Director

Name:	Bashir Ahmed
Languages:	English, Chinese,
Highest Qualification:	BEng (Electrical) – Beijing Jiaotong University, China
Cellphone:	+8613104432031

Director Finance & Planning

Name:	James Morris Maghori
Languages:	English, Swahili, Chinese
Highest Qualification:	MURP (Smart Electrification) – Beijing Jiaotong University, China

Cellphone: +255 614 869 387

6. Contact Details

Malakia Naholo (Managing Director – Blue Themes Energy)

Email: info@bluethemesenergy.com

Blue Themes Energy (Pty) Ltd

P.O.Box 80380

Olympia, Windhoek

Namibia

Cell: +264 (0)81 5937168 / +264 (0)814433646

Web: www.bluethemesenergy.com

6. Case Collection

Suntech PV Modules

Power Plant Projects

UAE Al Dhafra PV2 Solar Power Plant Project
UAE
System Capacity: 2100 MW

Enlight Kramim Power Plant
Israel
System Capacity : 18 MW

Baggersee Maiwald Floating Power Plant
Germany
System Capacity: 750 KW

Power Plant Kimberly Droogfontein
South Africa
System Capacity: 250 MW

York Power Plant
Britain
System Capacity: 34.7 MW

Shell Moerdijk Power Plant
Netherlands
System Capacity: 26.6 MW

Setta PV Power Station
Brazil
System Capacity: 1.5 MW

Nuñez de Balboa Power Plant
Spain
System Capacity: 500 MW

Bejulo Solar Power Plant
Germany
System Capacity: 58.3 MW

Agadyr Power Plant
Kazakhstan
System Capacity: 50 MW

Tamil Nadu Power Plant
India
System Capacity: 222.5 MW

Solarpark Duurkenakker
Netherlands
System Capacity: 64 MW

Distributed Projects

San Francisco International Airport Terminal 3 Rooftop Project
America
System Capacity: 450 KW

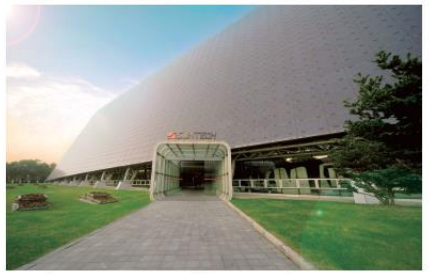
Kanazawa Bus Station BIPV Project
Japan
System Capacity: 120 KW

Kowa Elementary School BIPV Project
Japan
System Capacity: 10 KW

Genk Municipal Rooftop Project
Belgium
System Capacity: 239.4 KW

IKEA Rooftop Project
Australia
System Capacity: 383 KW

Shanghai Expo BIPV Project
China
System Capacity: 3.14 MW



Suntech Green Energy HQ Buliding BIPV Project
China
System Capacity: 1 MW

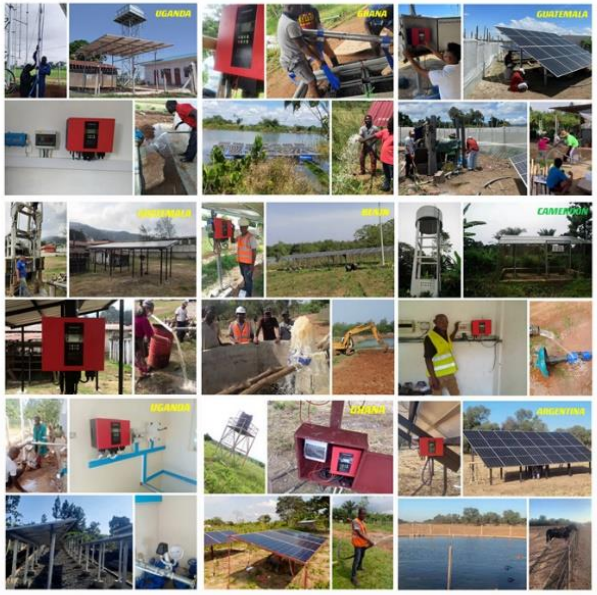
Bird's Nest Stadium BIPV Project
China
System Capacity: 130 KW

Sydney Opera House Rooftop Project
Australia
System Capacity: 384 KW

Solartech Solar Pumping Systems

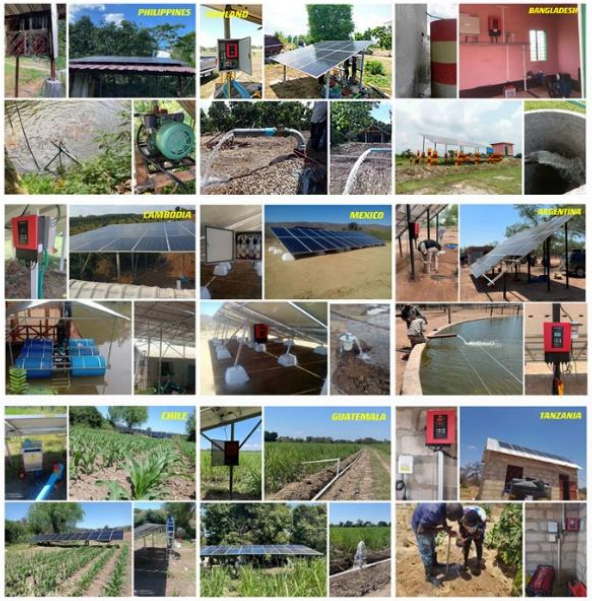
Solartech 2.2KW Hybrid Solar Pumping System Project in Argentina

More Case



Solartech 11kw solar agricultural irrigation system project in Iraq

More Case



SUSTAINABLE AND RELIABLE ENERGY

Powered by:

Global Partners

Wuxi Suntech Power Co., Ltd.
Shengtai Building, 9 Xinhua Road
New District, Wuxi, China 214028
无锡尚德太阳能电力有限公司
中国无锡国家级高新技术产业开发区
新华路 9 号生态大楼 邮编 214028
T +86 510 8531 8888
F +86 510 8534 3321

Letter of Distributorship Authorization

Data: 28th, July, 2023

To: Whom it may concern

We, **Wuxi Suntech Power Co.,Ltd.** who is the manufacturer of ***SUNTECH*** brand PV modules with the company address at No. 9 Xinhua Road, Xinwu District, Wuxi, China 214028.

Hereby confirms that **Blue Themes Energy (Pty) Ltd** who is an energy company with the company address at 212 Gold Street Prosperita, Windhoek, Namibia is an authorized distributor of ***SUNTECH*** products within the territory of Namibia.

As a distributor **Blue Themes Energy (Pty) Ltd** is authorized to:

1) Market, promote, sell and distribute ***SUNTECH*** products in Namibia;
2) Receive and forward to inquiries or requests for quotation (RFQ) from potential customers;
3) Submit to potential customers RFQ responses under supervise by headquarter;
4) Assist headquarter with receivable collection, technical support, aftersales service and other activities related to the supply of ***SUNTECH*** products to customers;

Please contact the undersigned should you have any questions or comments about this letter.

Best regards,
Wuxi Suntech Power Co.,Ltd.
No.9 Xinhua Road, New District,
Wuxi city, China

深圳天源新能源股份有限公司
Shenzhen Solartech Renewable Energy Co., Ltd

Certificate

Authorized Distributor

It is herewith certified that, Messrs:

Blue Themes Energy (Pty) Ltd

212 Gold Street, Prosperita, Windhoek, Namibia
P.O.Box 80380, Olympia, Windhoek, Namibia

Is entitled by Shenzhen Solartech Renewable Energy Co., Ltd to use "Authorised Distributor" related to the sales of Solartech:

SPM-S Permanent Magnet Submersible Solar Pumps
AC Submersible Solar Pumps
AC Surface Solar Pumps
PB-G3 Solar Pumping Inverters
PB-G4 Solar Pumping Inverters
PK Solar Pumping Inverters

Place: Shenzhen Solartech Renewable Energy Co., Ltd
4F Building 9, Jiu-Xiang-Ling Industrial Park, Xi-Li, Shenzhen

Date: 2023-06-30

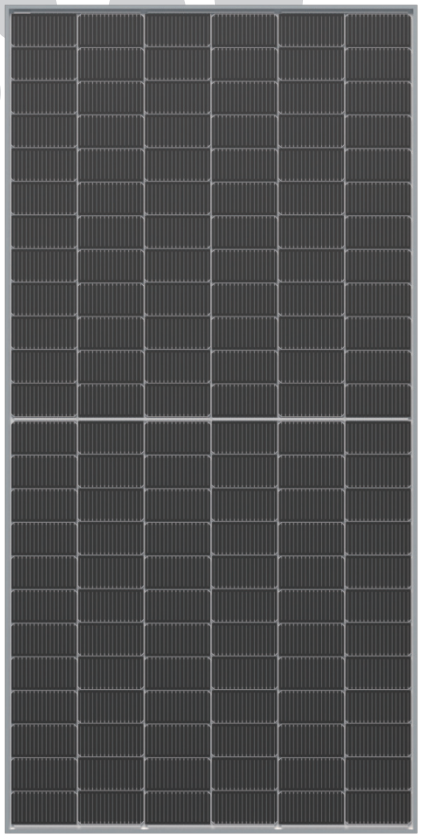
Gary Zhang
Director of Overseas Business Department

SUNTECH

Ultra V Pro

HALF-CELL N-Type TOPCon BIFACIAL MODULE

TYPE: STPXXXS - C72/Nsh+



565-585W
POWER OUTPUT

22.6%
MAX EFFICIENCY

Multi busbar technology
Superior optical utilization and current collection capability, effectively improving product power and reliability

High power output
Zero LID, ultra-low LeTID, better anti-PID performance, low power attenuation, high power output

Double-sided power generation
The gain of double-sided power generation increases up to max. 25% with the light on the back side, and significantly reduce LCOE

Extended wind and snow load tests
Module certified to withstand extreme wind (**2400** Pascal) and snow loads (**5400** Pascal)*

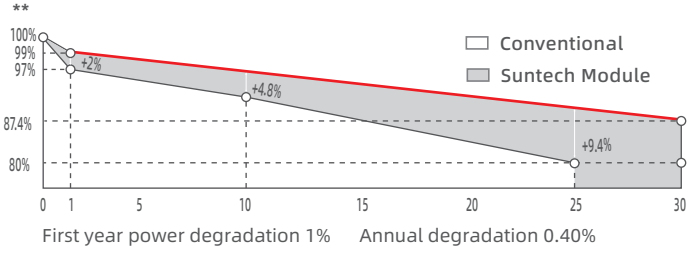
EUPD RESEARCH TOP BRAND PV MODULES 2023 (ITALY, PORTUGAL, CZECH REPUBLIC, SOUTH EAST & NORTH AFRICA, AUSTRALIA)

TOP PERFORMER 2022 PVEL PV MODULE RELIABILITY SCORECARD

ISO 14001 Environment Management System
ISO 45001 Occupational Health and Safety
ISO 9001 Quality Management System
SA 8000 Social Responsibility Standards
IEC TS 62941 Guideline for Module Design

IEC 61701 Salt-mist certification
IEC 62716 ammonia certification
IEC 60068-2-68 Dust and Sand
IEC 61730-2 (UL790) fire class C

CE, VDE, CQC, WEEE, Munich RE



First year power degradation 1% Annual degradation 0.40%

30 years of linear warranty

15 years of product warranty

* Please refer to Suntech Standard Module Installation Manual for details.

** Please refer to Suntech Limited Warranty for details.

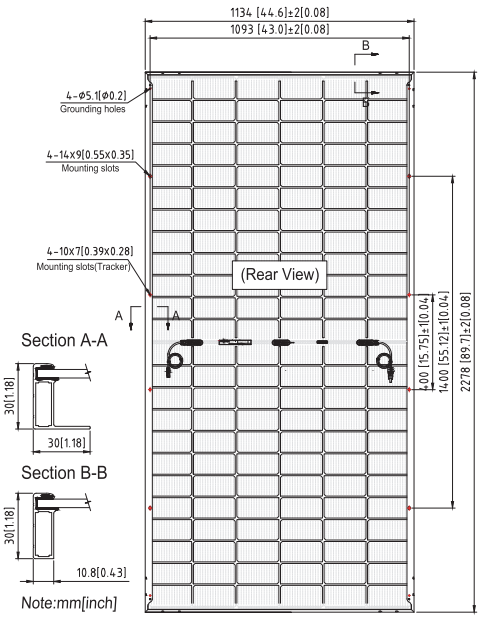
*** WEEE only for EU market.

**** Suntech reserves the right to the final.

Ultra V Pro STPXXXS - C72/Nsh+ 565-585W

Mechanical Characteristics

Solar Cell	N-type Monocrystalline silicon 182 mm
No. of Cells	144 (6 × 24)
Dimensions	2278 × 1134 × 30 mm (89.7 × 44.6 × 1.2 inches)
Weight	32.0 kgs (70.5 lbs.)
Front \ Back Glass	2.0+2.0 mm (0.079+ 0.079inches) semi-tempered glass
Output Cables	4.0 mm², (-) 350 mm and (+) 160 mm in length or customized length
Junction Box	IP68 rated (3 bypass diodes)
Operating Module Temperature	-40 °C to +85 °C
Maximum System Voltage	1500 V DC (IEC)
Connectors	STP-XC4
Maximum Series Fuse Rating	25 A
Power Tolerance	0/+5 W
Refer. Bifaciality Factor	(80 ± 5)%
Frame	Anodized aluminum alloy frame
Packing Configuration	36 Pieces per pallet 720 Pieces per container /40'HC 2310×1120×1255 1202kg



For tracker installation, please turn to Suntech for mechanical load information.

Electrical Characteristics

Module Type	STP585S-C72/Nsh+		STP580S-C72/Nsh+		STP575S-C72/Nsh+		STP570S-C72/Nsh+		STP565S-C72/Nsh+	
Testing Condition	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Maximum Power (Pmax/W)	585	445.9	580	442.2	575	438.4	570	434.6	565	430.7
Optimum Operating Voltage (Vmp/V)	42.79	40.4	42.68	40.3	42.56	40.2	42.44	40.1	42.32	39.9
Optimum Operating Current (Imp/A)	13.67	11.04	13.59	10.98	13.51	10.91	13.43	10.85	13.35	10.79
Open Circuit Voltage (Voc/V)	51.55	48.9	51.42	48.8	51.29	48.7	51.16	48.6	51.03	48.5
Short Circuit Current (Isc/A)	14.40	11.61	14.32	11.54	14.24	11.48	14.16	11.42	14.08	11.35
Module Efficiency (%)	22.6%		22.5%		22.3%		22.1%		21.9%	

STC: Irradiance 1000 W/m², module temperature 25 °C, AM=1.5; NMOT: Irradiance 800 W/m² , ambient temperature 20 °C, AM=1.5, wind speed 1 m/s; Tolerance of Pmax is within +/- 3%;

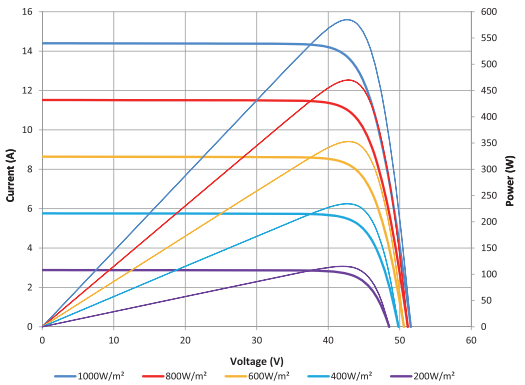
Different Rearside Power Gain

Reference to 575S Front

Rearside Power Gain	5%	15%	25%
Maximum Power at STC (Pmax)	603.8	661.3	718.8
Optimum Operating Voltage (Vmp/V)	42.6	42.6	42.7
Optimum Operating Current (Imp/A)	14.19	15.54	16.89
Open Circuit Voltage (Voc/V)	51.3	51.3	51.4
Short Circuit Current (Isc/A)	14.95	16.38	17.80
Module Efficiency (%)	23.4%	25.6%	27.8%

Graphs

Current-Voltage & Power-Voltage (585S)



Temperature Characteristics

Nominal Module Operating Temperature (NMOT)	42 ± 2 °C
Temperature Coefficient of Pmax	-0.30%/°C
Temperature Coefficient of Voc	-0.25%/°C
Temperature Coefficient of Isc	0.046%/°C

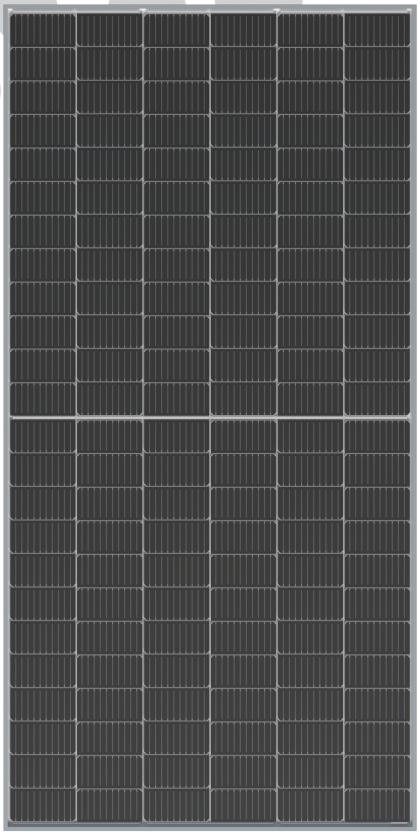
Information on how to install and operate this product is available in the installation instruction. All values indicated in this data sheet are subject to change without prior announcement. The specifications may vary slightly . All specifications are in accordance with standard EN 50380. Color differences of the modules relative to the figures as well as discolorations of/in the modules which do not impair their proper functioning are possible and do not constitute a deviation from the specification.

SUNTECH

Ultra V

HALF-CELL MONOFACIAL MODULE

TYPE: STPXXXS - C72/Vmh



540-560W POWER OUTPUT

21.7% MAX EFFICIENCY

Multi busbar technology

Superior optical utilization and current collection capability, effectively improving product power and reliability

Compatible with mainstream trackers

The module design is highly compatible with power plant tracking systems, which offers a cost-effective solution for large power plants

Withstand harsh environments

Reliable quality that makes module resistant even to high temperatures, salt water and ammonia

Extended wind and snow load tests

Module certified to withstand extreme wind (2400 Pascal) and snow loads (5400 Pascal)*

EUPD RESEARCH TOP BRAND PV MODULES ITALY 2023
EUPD RESEARCH TOP BRAND PV MODULES PORTUGAL 2023
EUPD RESEARCH TOP BRAND PV MODULES CZECH REPUBLIC 2023
EUPD RESEARCH TOP BRAND PV MODULES MIDDLE EAST & NORTH AFRICA 2023
EUPD RESEARCH TOP BRAND PV MODULES AUSTRALIA 2023

TOP PERFORMER 2022 PVEL PV MODULE RELIABILITY SCORECARD

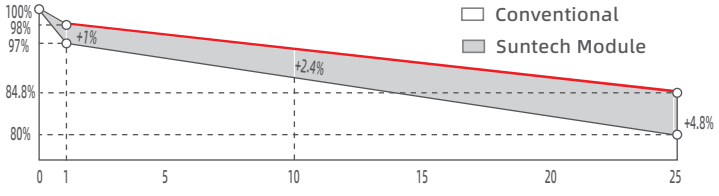
ISO 14001	Environment Management System
ISO 45001	Occupational Health and Safety
ISO 9001	Quality Management System
SA 8000	Social Responsibility Standards
IEC TS 62941	Guideline for Module Design
IEC 61701	Salt-mist certification
IEC 62716	ammonia certification
IEC 60068-2-68	Dust and Sand
IEC 61730-2 (UL790)	fire class C

CE VDE *** Munich RE

25 years of linear warranty

12 years of product warranty

**



First year power degradation 2% Annual degradation 0.55%

* Please refer to Suntech Standard Module Installation Manual for details.

*** WEEE only for EU market.

** Please refer to Suntech Limited Warranty for details.

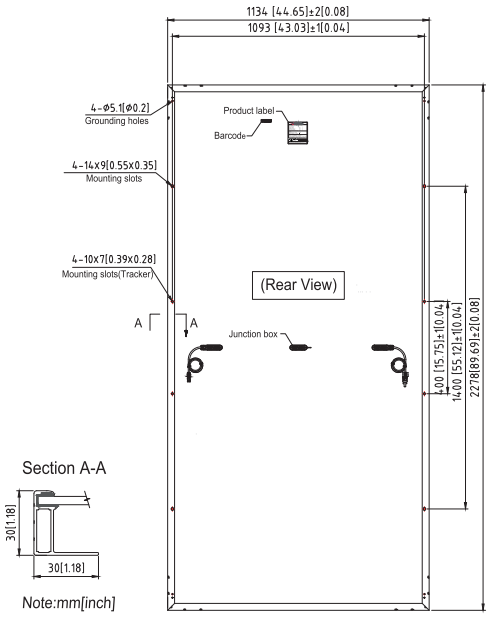
**** Suntech reserves the right to the final.

Ultra V STPXXXS - C72/Vmh 540-560W

Mechanical Characteristics

Solar Cell	Monocrystalline silicon 182 mm
No. of Cells	144 (6 × 24)
Dimensions	2278 × 1134 × 30 mm (89.7 × 44.6 × 1.18 inches)
Weight	27.5 kgs (60.6 lbs.)
Front Glass	3.2 mm (0.126 inches) fully tempered glass
Output Cables	4.0 mm², (-) 350 mm (+) 160 mm in length or customized length
Junction Box	IP68 rated (3 bypass diodes)
Operating Module Temperature	-40 °C to +85 °C
Maximum System Voltage	1500 V DC (IEC)
Connectors	STP-XC4
Maximum Series Fuse Rating	25 A
Power Tolerance	0/+5 W
Frame	Anodized aluminum alloy frame
Packing Configuration	36 Pieces per pallet 720 Pieces per container /40'HC 2310×1120×1255 1040kg

For tracker installation, please turn to Suntech for mechanical load information.



Electrical Characteristics

Module Type	STP560S-C72/Vmh		STP555S-C72/Vmh		STP550S-C72/Vmh		STP545S-C72/Vmh		STP540S-C72/Vmh	
Testing Condition	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Maximum Power (Pmax/W)	560	425.2	555	421.4	550	417.7	545	414.2	540	410.5
Optimum Operating Voltage (Vmp/V)	42.40	39.2	42.24	39.0	42.05	38.9	41.87	38.7	41.75	38.5
Optimum Operating Current (Imp/A)	13.21	10.85	13.14	10.80	13.08	10.75	13.02	10.71	12.94	10.65
Open Circuit Voltage (Voc/V)	50.23	47.4	50.07	47.2	49.88	47.0	49.69	46.9	49.54	46.7
Short Circuit Current (Isc/A)	14.14	11.41	14.07	11.35	14.01	11.30	13.96	11.26	13.89	11.21
Module Efficiency (%)	21.7%		21.5%		21.3%		21.1%		20.9%	

STC: Irradiance 1000 W/m², module temperature 25 °C, AM=1.5; NMOT: Irradiance 800 W/m², ambient temperature 20 °C, AM=1.5, wind speed 1 m/s; Tolerance of Pmax is within +/- 3%;

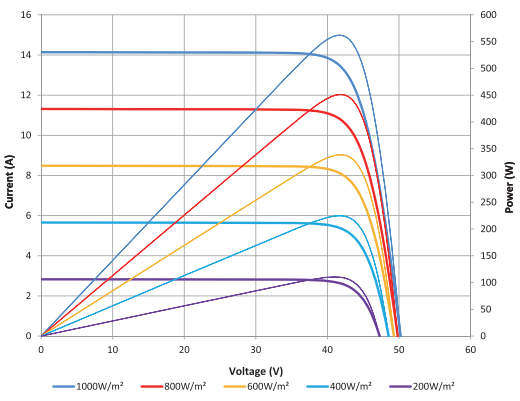
Temperature Characteristics

Nominal Module Operating Temperature (NMOT)	42 ± 2 °C
Temperature Coefficient of Pmax	-0.34%/°C
Temperature Coefficient of Voc	-0.26%/°C
Temperature Coefficient of Isc	0.050%/°C

Information on how to install and operate this product is available in the installation instruction. All values indicated in this data sheet are subject to change without prior announcement. The specifications may vary slightly . All specifications are in accordance with standard EN 50380. Color differences of the modules relative to the figures as well as discolorations of/in the modules which do not impair their proper functioning are possible and do not constitute a deviation from the specification.

Graphs

Current-Voltage & Power-Voltage Curve (560S)



Information bar

Solartech®

AC
Solar Pump Kit

PB-G4 Smart Pro E Series

- 99% MPPT efficiency
- Fully automatic operation
- 98% conversion efficiency of the inverter
- Soft start of pump
- Full motor protections
- IP65 Protection grade of the inverter
- Dual dry running protection
- Wide input voltage range

Advance Function

- Hybrid power input and solar priority
- One-key power save
- Built-in DC disconnect switch and fuse
- Multi-pump linkage system
- Optional built-in remote monitoring
- Optional Pay & Go function module

" Solar and Water, a Better Future "

Product Specification

Solar Pump Model	Pump Power	Pump Spec.	Recommended Water Head	Daily Water Supply	Outlet Dia.	Max. DC Input Voltage	Recommended MPP Voltage
SPA4370010-5	0.37 kW	3PH 220V 50Hz	47 - 32 m	1 - 10 m^3	1"	430 V	90 - 360 VDC
SPA4370020-5	0.37 kW	3PH 220V 50Hz	29 - 20 m	10 - 20 m^3	1"1/4	430 V	90 - 360 VDC
SPA4550010-5	0.55 kW	3PH 220V 50Hz	70 - 48 m	1 - 10 m^3	1"	430 V	90 - 360 VDC
SPA4550020-5	0.55 kW	3PH 220V 50Hz	40 - 28 m	10 - 20 m^3	1"1/4	430 V	90 - 360 VDC
SPA4750010-5	0.75 kW	3PH 220V 50Hz	81 - 56 m	1 - 10 m^3	1"	430 V	125 - 360 VDC
SPA4750020-5	0.75 kW	3PH 220V 50Hz	60 - 41 m	10 - 20 m^3	1"1/4	430 V	125 - 360 VDC
SPA4750040-5	0.75 kW	3PH 220V 50Hz	29 - 19 m	20 - 40 m^3	1"1/2	430 V	125 - 360 VDC
SPA4750060-5	0.75 kW	3PH 220V 50Hz	15 - 8 m	40 - 60 m^3	2"	430 V	125 - 360 VDC
SPA4750100-5	0.75 kW	3PH 220V 50Hz	7 - 6 m	60 - 100 m^3	2"	430 V	125 - 360 VDC
SPA41K1010-5	1.1 kW	3PH 220V 50Hz	93 - 63 m	1 - 10 m^3	1"	430 V	125 - 360 VDC
SPA41K1020-5	1.1 kW	3PH 220V 50Hz	79 - 54 m	10 - 20 m^3	1"1/4	430 V	125 - 360 VDC
SPA41K1040-5	1.1 kW	3PH 220V 50Hz	43 - 27 m	20 - 40 m^3	1"1/2	430 V	125 - 360 VDC
SPA41K1060-5	1.1 kW	3PH 220V 50Hz	23 - 12 m	40 - 60 m^3	2"	430 V	125 - 360 VDC
SPA41K1100-5	1.1 kW	3PH 220V 50Hz	12 - 8 m	60 - 100 m^3	2"	430 V	125 - 360 VDC
SPA41K5010-5	1.5 kW	3PH 220V 50Hz	128 - 87 m	1 - 10 m^3	1"	430 V	180 - 360 VDC
SPA41K5020-5	1.5 kW	3PH 220V 50Hz	99 - 68 m	10 - 20 m^3	1"1/4	430 V	180 - 360 VDC
SPA41K5040-5	1.5 kW	3PH 220V 50Hz	51 - 33 m	20 - 40 m^3	1"1/2	430 V	180 - 360 VDC
SPA41K5041-5	1.5 kW	3PH 220V 50Hz	60 - 39 m	20 - 40 m^3	1"1/2	430 V	180 - 360 VDC
SPA41K5060-5	1.5 kW	3PH 220V 50Hz	29 - 15 m	40 - 60 m^3	2"	430 V	180 - 360 VDC
SPA41K5130-5	1.5 kW	3PH 220V 50Hz	10 - 7 m	100 - 130 m^3	2"	430 V	180 - 360 VDC
SPA61K5100-5	1.5 kW	3PH 220V 50Hz	20 - 12 m	60 - 100 m^3	2"1/2	430 V	180 - 360 VDC
SPB41K5020-5	1.5 kW	3PH 220V 50Hz	121 - 78	13 - 23	1"1/4	430 V	180 - 360 VDC
SPB41K5040-5	1.5 kW	3PH 220V 50Hz	84 - 58	23 - 40	1"1/2	430 V	180 - 360 VDC

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Solartech®

PM
Solar Pump Kit
SPM-S Series

System Features

- The water head 93 meters.
- The average daily water flow of a single system is 160 cubic meters.
- Comprehensive protection and high reliability.
- Convenient installation without the need for manual parameter settings.
- Equipped with high-efficiency permanent magnet water pump, saving solar panels configuration and get high overall efficiency.
- Support access to battery power supply.
- Optional wireless communication module (built-in) for remote monitoring of the system.
- Optional PayGo module, providing users with convenient and reliable installment payment usage function.

" Solar and Water, a Better Future "

Specification

No.	Model	Motor Voltage	Max. DC Input Voltage	Recommended Mpp Voltage	Recommended Water Head	Recommended Daily Water Flow	Recommended Solar Array
1	SPM3200HS008S	24 V	60 V	> 30 V	52 - 19 m	3 - 8 m^3	330W/36V × 1PC × 1String = 330W
2	SPM3500HS012S	48 V	100 V	> 60 V	69 - 26 m	5 - 12 m^3	330W/36V × 2PCS × 1String = 660W
3	SPM3300S022S	24 V	60 V	> 30 V	25 - 11 m	5 - 22 m^3	460W/42V × 1PC × 1String = 460W
4	SPM3600S025S	48 V	100 V	> 60 V	44 - 14 m	5 - 25 m^3	330W/36V × 2PCS × 1String = 660W
5	SPM31100S030S	110 V	200 V	> 120 V	73 - 18 m	8 - 30 m^3	330W/36V × 4PCS × 1String = 1320W
6	SPM31500S030S	110 V	200 V	> 120 V	93 - 30 m	10 - 30 m^3	330W/36V × 3PCS × 2Strings = 1980W
7	SPM3600S035S	48 V	100 V	> 60 V	25 - 8 m	15 - 35 m^3	330W/36V × 2PCS × 1String = 660W
8	SPM31100S035S	110 V	200 V	> 120 V	56 - 18 m	15 - 35 m^3	330W/36V × 4PCS × 1String = 1320W
9	SPM31500S040S	110 V	200 V	> 120 V	69 - 20 m	18 - 40 m^3	330W/36V × 3PCS × 2Strings = 1980W
10	SPM4750S050S	72 V	150 V	> 90 V	18 - 10 m	35 - 50 m^3	480W/42V × 2PCS × 1String = 960W
11	SPM41500S060S	110 V	200 V	> 120 V	40 - 17 m	35 - 60 m^3	330W/36V × 3PCS × 2Strings = 1980W
12	SPM41500S100S	110 V	200 V	> 120 V	30 - 9 m	45 - 100 m^3	330W/36V × 3PCS × 2Strings = 1980W
13	SPM41500S110S	110 V	200 V	> 120 V	14 - 10 m	85 - 110 m^3	330W/36V × 3PCS × 2Strings = 1980W
14	SPM61500S160S	110 V	200 V	> 120 V	18 - 8 m	70 - 160 m^3	330W/36V × 3PCS × 2Strings = 1980W
15	SPM3300C018S	24 V	60 V	> 30 V	19 - 10 m	10 - 18 m^3	460W/42V × 1PC × 1String = 460W
16	SPM3600C020S	48 V	100 V	> 60 V	46 - 17 m	5 - 20 m^3	330W/36V × 2PCS × 1String = 660W
17	SPM31100C025S	110 V	200 V	> 120 V	73 - 21 m	10 - 25 m^3	330W/36V × 4PCS × 1String = 1320W
18	SPM31500C025S	110 V	200 V	> 120 V	87 - 43 m	15 - 25 m^3	330W/36V × 3PCS × 2Strings = 1980W
19	SPM3600C030S	48V	100 V	> 60 V	29 - 10 m	10 - 30 m^3	330W/36V × 2PCS × 1String = 660W
20	SPM31100C040S	110 V	200 V	> 120 V	55 - 10 m	15 - 40 m^3	330W/36V × 4PCS × 1String = 1320W
21	SPM31500C040S	110 V	200 V	> 120 V	71 - 26 m	20 - 40 m^3	330W/36V × 3PCS × 2Strings = 1980W
22	SPM3750C042S	72 V	150 V	> 90 V	27 - 11 m	20 - 42 m^3	480W/42V × 2PCS × 1String = 960W
23	SPM31500C045S	110 V	200 V	> 120 V	42 -29 m	35 - 45 m^3	330W/36V × 3PCS × 2Strings = 1980W
24	SPM4750C050S	72 V	150 V	> 90 V	26 - 9 m	20 - 50 m^3	480W/42V × 2PCS × 1String = 960W
25	SPM41100C055S	110 V	200 V	> 120 V	37 - 11 m	20 - 55 m^3	330W/36V × 4PCS × 1String = 1320W
26	SPM41500C055S	110V	200 V	> 120 V	53 - 17 m	25 - 55 m^3	330W/36V × 3PCS × 2Strings = 1980W
27	SPM4750C060S	72 V	150 V	> 90 V	20 - 9 m	20 - 60 m^3	480W/42V × 2PCS × 1String = 960W
28	SPM41100C070S	110 V	200 V	> 120 V	31 - 12 m	20 - 70 m^3	330W/36V × 4PCS × 1String = 1320W
29	SPM41500C080S	110 V	200 V	> 120 V	38 - 16 m	35 - 80 m^3	330W/36V × 3PCS × 2Strings = 1980W
30	SPM41500C110S	110 V	200 V	> 120 V	19 - 10 m	70 - 110 m^3	330W/36V × 3PCS × 2Strings = 1980W

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