

PRESENTATIONS ---SHENZHEN SOLARPARTS INC.

Philip Wang, Shenzhen China Jan 2022



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- About Solarparts

Key Figures& CEO

Advantages, factory tour
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Sales Network

02/ Product Introduction

Semi-flexible solar panel

Portable Solar Panel

Rigid Solar Panel

Controller, accessories And typical applications.



1. COMPANY INTRODUCTION

1. Founded in 2011, Shenzhen Solarparts Inc./Shenzhen Puguang Solar Energy Co.,Ltd., is a professional manufacturer in solar panel and a national high-tech enterprise, which specializes in R&D, production, sales and service of semi-flexible solar panels, portable solar panels and rigid solar panels, Micro Solar Panels and the DIY Solar Kits etc..

2. Since the establishment of Solarparts, based on the corporate culture of "Gratefulness, Development, Growth, Professionalism, and Focus", it has been adhering to the business philosophy of "One World, One Dream" to change the future, and the service concept of "people-oriented, quality-based" to face the world, and takes strict quality control as the company's top priority.

3. Solarparts has introduced international advanced equipments. Through careful design and strictly in accordance with the requirements of the quality management system (ISO9001: 2008) ,the company's various management policies are improved, and the various production processes are effectively controlled. Our products have got the certificate for the CE, ROHS, IEC, FCC, etc.

4. Solarparts mainly produces rigid solar modules, semi-flexible modules and folded solar modules Micro Solar Panels and the DIY Solar Kits, with different models and specifications, and makes full use of its core materials and solar modules to completely produce other special application products and projects.

5. Our products are mainly exported to Europe, North America, Oceania, Southeat Asia, etc.









PHILIP WANG BRIEF INTRODUCTION

Name: Wang, Philip N.Y. Borned July 1980, Yongzhou, Hunan Province

Education Background: 1998-2002, Hunan Institute of Engineering, Marketing Bachelor 2009-2011, South China of Technology, Management Master

Work Experiences : 2002-2005 USA Joint Venture Kinetek De Sheng Motor Co., ltd. Now part of JAPAN NIDEC, sales manager charge for USA market.

2005-2007 Shenzhen Jieshun Technology(Shenzhen Stock, 002609),Car park system and Metro management integration solutions provider. Marketing director for ASEAN countries

2007-2008, Singapore AIM PARKING STY LIMITED, Charge Singapore and ASEAN markets.

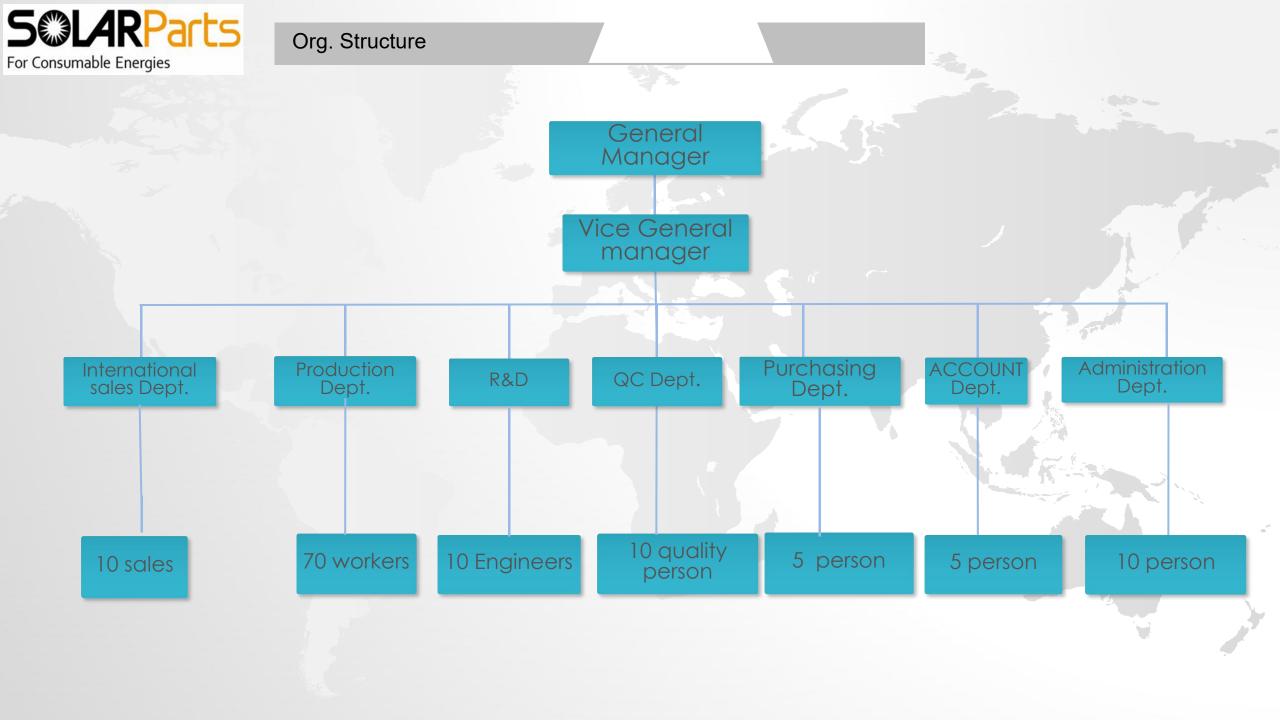
2008-now, Set-up Shenzhen Solarparts Inc and mainly provide the solar panel, off- or ongrid solar systems solutions.





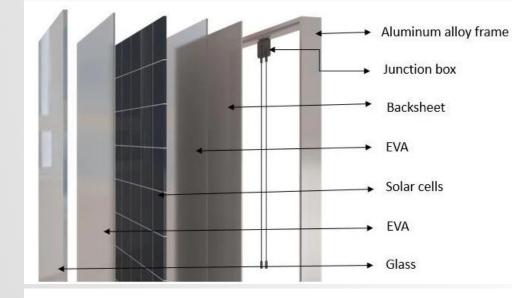
2 SOLARPARTS KEY FIGURES

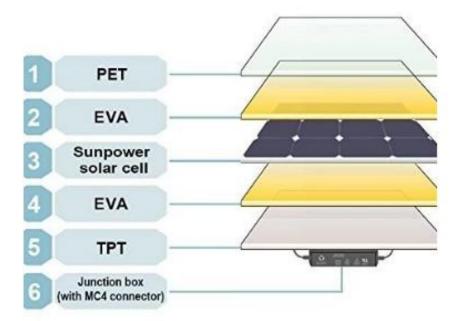
- 1. Registered & Paid Capital: USD1.58 Million(RMB10 Million);
- 2. Fabricate space: 5000 square meter;
- 3. Fabrication Automatically Production Line: Two Lines, one for full automatic production, another for half-automatic production;
- 4. Annual Fabrication Capacity: 200 Million Watt=200,000,000WATT;
- 5. Employee: Total for 150 person, include 20 engineers, 30 sales & Administrative, 70 trained and skillful workers.
- 6. Product ranges; Flexible Solar Panel, Rigid Glass Solar Panel, OFF- or On-grid Systems. Parts and accessories.
- 7. Turnover and regions:
- 2021, USD16 Million. 30% from China Mainland, 40% from EU Countries, 20% from North American Countries, 10% from the rest countries.
- 2022, Est. USD18.4 Million, expected 15% increasing globally.





SOLAR PANEL STRUCTURE AND PRODUCTION PROCESS





Production Process



Test the cell



Laser cutting

1

EL test



Cell sorting



Stacked



Install the junction box



pack



laminated



Cleaning



Framing



IV test



•

PHYSICAL FACTORY TOUR PIC-1/2





SOLARParts PHYSICAL FACTORY TOUR PIC-2/2

















PATENTS, QUALIFICATIONS, QUALITY SYSTEM CERTIFICATE, PRODUCT TEST APPROVAL-1/3

Co., Ltd. Province, P.R.China Solar Modules

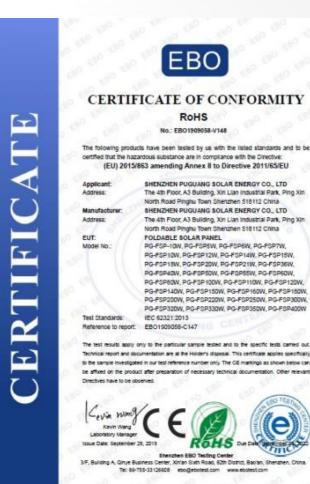
6,1753 Hargburg Avenue, Weijing

萬泰認證 CERTIFICATE OF REGISTRATION This is to certify that the Management System established by Shenzhen Puguang Solar Energy The 4th Floor, A3 Building, Xin Lian Industrial Park, Ping Xin North Road, Pinghu Sub-district, Longgang District, Shenzhen City, Guangdong Unified Social Credit Code:914403005840521374 Has been assessed to comply with the requirements of the international standard ISO9001:2015 Scope of certification Design, Development and Production of the Mono/Poly Crystalline NO:15/17Q0960R00 DATE OF ISSUE:Sep.22,2017 VALID UNTIL: Sep.21,2020 The Certificate Information Can be Obtained by Visiting http://www.cnca.gov.cn. Wargacacoli

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Shenzhe	n Global Test Service Co., Ltd.		
De	claration of Conformity		
Certi	fication number: GT\$20190906002-1-1		
	Issue date: Sep. 24, 2019		
In accordance with the fol	owing Applicable Directives:		
	2014/30/EU Electromagnetic Compatibility		
The test results are tracea	ble to the International or national standards.		
Applicant:	Shenzhen Puguang Solar Energy Co. Ltd		
	the 4th Floor, A3 Building, Xin Lian Industrial Park, Ping xin North Road Pinghu Town Shenzhen 518112 China		
Manufacturer			
manulaculer.	Shenzhen Puguang Solar Energy Co.,Ltd the 4th Floor, A3 Buliding, Xin Lian industrial Park, Ping xin North		
	Road Pinghu Town Shenzhen 518112 China		
Equipment under test:	foldable solar panel		
Model number:	PG-FSP5W		
	PG-FSP6W,PG-FSP7W,PG-FSP10W,PG-FSP12W,PG-FSP14W,		
	PG-FSP15W,PG-FSP18W,PG-FSP20W,PG-FSP21W,PG-FSP36W,		
	PG-FSP40W,PG-FSP50W,PG-FSP55W,PG-FSP60W,PG-FSP80W,		
Listed Model	PG-FSP100W,PG-FSP110W,PG-FSP120W,PG-FSP140W,		
	PG-FSP150W,PG-FSP160W,PG-FSP180W,PG-FSP200W,		
	PG-FSP220W,PG-FSP250W,PG-FSP300W,PG-FSP320W, PG-FSP330W,PG-FSP350W,PG-FSP400W		
Applied Standards and			
	A1:2011/EN 61000-6-1: 2007		
EN 61000-6-3.20074A1.2017/EN 61000-6-1. 2007 EN 61000-3-2:2014/EN 61000-3-3:2013 GTS20190906002-1-1			
Laboratory Name:	Shenzhen Global Test Service Co., Ltd.		
	No.7-101 and 8A-104, Building 7 and 8, DCC Cultural and Creative		
	Garden, No.96, Pingxin North Road, Shangmugu Community, Pinghu Street, Longgang District, Shenzhen, Guangdong		
	Tel: 0755-28717088 Fax: 0755-28717111		
	Http://www.qtscert.com E-mail: qts sz@qtscert.com		
	Note:		
11	The certification is only valid for the equipment and configuration described, in conjunction with the test data detailed above. The CE mark as shown beside can		
1 1	be used, under the responsibility of the manufacturer, when completion of an EC		
Authorized by: Sim	Directive of Contornity and compliance way in encount and Directive.		
r	II II CTO E		





PATENTS, QUALIFICATIONS, QUALITY SYSTEM CERTIFICATE, PRODUCT TEST APPROVAL-2/3

when BCTC Technology Go. EM.





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Tet 400-788-9558 0755-33019988 Http://www.bdp-lab.com Http://www.btc-lab.com

Version 2.0 (2015-05-30) Honton Compliance Laboratories (Shenzhen) Co., Ltd. Tel. +85 (0) 755 61120301 E-mail: cs@htl-corp.com www.htl-corp.com



PATENTS, QUALIFICATIONS, QUALITY SYSTEM CERTIFICATE PRODUCT TEST APPROVAL-3/3

NO.



	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	
	证书号第15590250号	
	实用新型专利	
	实用新型名称: 太阳能发电装置	
	发 明 人: 汪宁颖:朱平翠	
苏号第15619745号	专利号: ZL 2021 2 2271651.2	
*	专利申请日: 2021年09月18日	
*	专 利 权 人: 深圳市普光太阳能有限公司	
实用新型	地 址: 518111 广东省深圳市龙岗区平湖街道 ³ 区 A3 栋 4 层	
用新型名称: 太阳能充电折叠包	授权公告日: 2022年01月25日 授权公告	
: 明 人: 汪宁颖;朱平翠	国家知识产权局依照中华人民共和国专利法经过初步 新型专利证书并在专利登记簿上予以登记。专利权自校术	
利 号: ZL 2021 2 2271656.5	年,自申请日起算, 专利证书记载专利权登记时的法律状况,专利权的系	
利申请日: 2021年09月18日	专利证书记载专利联合记时的法律状况,专利取的# 利权人的姓名或名称,国籍,地址变更等事项记载在专利	
利 权 人: 深圳市普光太阳能有限公司	7	
1 址: 518111 广东省深圳市龙岗 区 A3 栋 4 层		
校公告日: 2022年01月25日		
國家知识产权局依照中华人民共和国专; 型专利证书并在专利登记簿上予以登记。;	BE PEAN	
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权人的姓名或名称、国籍、地址变更等事3	х.	
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	FUS 32 其他事项参见续页	
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第1页(共2页)		

Radio Frequency Devi	TEST REPORT FCC 47 CFR Part 15 Subpart B ces – Unintentional Radiators – Limits and methods of measurement	
	ANSI C63.4: 2014 tandard for Methods of Measurement of Radio-Noise tage Electrical and Electronic Equipment in the Range o 9 kHz to 40 GHz	
Report Reference No	: GTS20190906002-1-2	
Date of issue	: Sep. 16, 2019	
Testing Laboratory Name	Shenzhen Global Test Service Co.,Ltd.	
Address	: No.7-101 and 8A-104, Building 7 and 8, DCC Cultural and Creati Garden, No.98, Pingxin North Road, Shangmugu Community, Pinghu Street, Longgang District, Shenzhen, Guangdong	
Reviewed by	all The Frank Hu	
(Testing Engineer)	: Tracy Hu	
Approved by	I GTS I	
(Manager)	Simon Hu	
Applicant's name	Shenzhen Puguang Solar Energy Co.,Ltd	
Address	: the 4th Floor, A3 Building, Xin Lian Industrial Park, Ping xin North Road Pinghu Town Shenzhen 518112 China	
Manufacturer's name	Shenzhen Puguang Solar Energy Co.,Ltd	
Address	: the 4th Floor, A3 Building, Xin Lian Industrial Park, Ping xin North Road Pinghu Town Shenzhen 518112 China	
Test specification:		
Standard	47 CFR FCC Part 15 Subpart B ANSI C63.4: 2014	
Receiver Date	: Sep. 9, 2019	
Test Period	: Sep. 12, 2019	
Test item description	: foldable solar panel	
Trade Mark	: 1	
Model/Type reference		
	PG-FSP6W,PG-FSP7W,PG-FSP10W,PG-FSP12W,PG-FSP14W PG-FSP16W,PG-FSP18W,PG-FSP20W,PG-FSP21W, PG-FSP80W,PG-FSP40W,PG-FSP50W,PG-FSP56W, PG-FSP60W,PG-FSP40W,PG-FSP150W,PG-FSP160W, PG-FSP120W,PG-FSP140W,PG-FSP150W,PG-FSP160W, PG-FSP180W,PG-FSP200W,PG-FSP220W,PG-FSP250W, PG-FSP300W,PG-FSP20W,PG-FSP330W,PG-FSP350W, PG-FSP400W	
Ratings	: Input 3-20Vdc, 0.5-50A, 5-400W	
Result	PASS	

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SALES NETWORK

Sales volume Percentage



I EU Countries 2 North American 3 China Mainland 4 Others

Typical Customers Reference In the Worldwide

Conrad Electronic	Germany	
OBI Group	Germany	
Jaycar Electronic	Australia	Jaycar
Thermo King	USA	



GLOBAL EXHIBITIONS PROMOTIONS





SOLARParts 2. PRODUCTS&ENGINEERING **INTRODUCTION**

- We have different product catalogs, such as solar panels, DIY systems, accessories. on the homepage at:
- https://isolarparts.com/pages/download





1. INDUSTRIAL SOLUTION&ENGINEERING-EPC PROJECT-ON GRID SOLAR POWE SYSTEM FROM 10KW-10MW



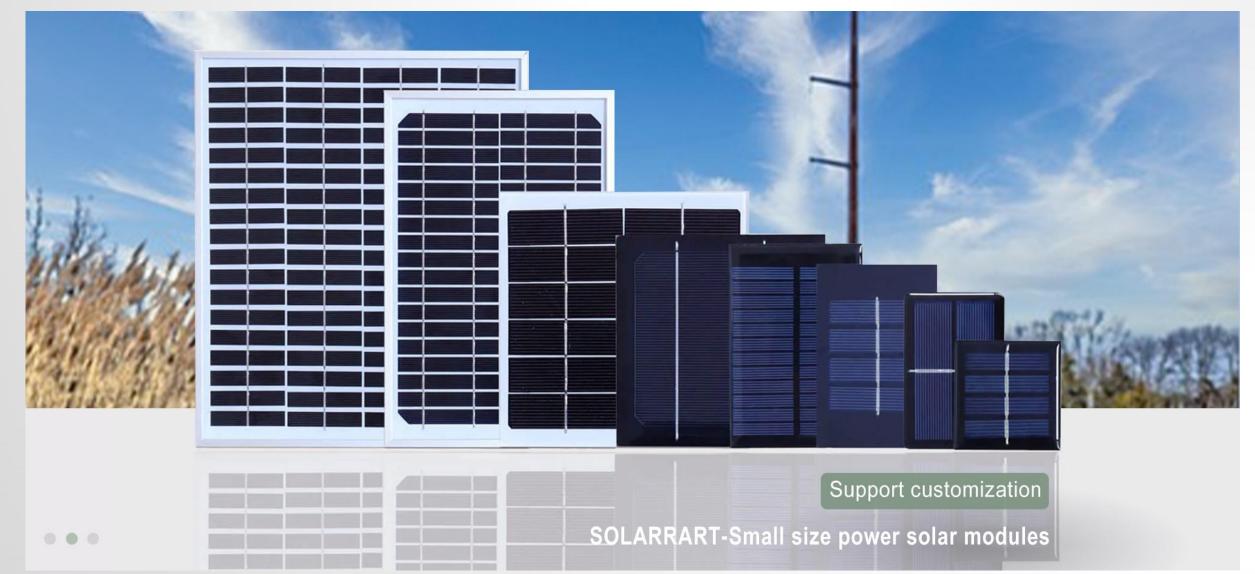


SOLARParts 2. RESIDENTIAL APPLIED OFF-GRID PROJECT FROM 1KW-50KW DIY HOME SOLAR SYSTEM



SCLARParts For Consumable Energies 3. SOLAR MODULES FOR VARIETY OF APPLICATIONS

 1. OEM&ODM Services. 2. Encapsulation method: Glass, PET, Epoxy Resin; 3. Applications: Electronic, Education, CCTV, Toys, lights, Battery; 4. Power cover ranges from 0.1W-100W. Size from 48*21MM to 1175*530mm;



SOLARParts For Consumable Energies 4. CONSUMABLE PV APPLIED PRODUCT RANGES



High precision testing and inspection for solar cells and modules are extremely strict.



Sunpower Semi-flexible solar panel



Ultra-light, PET or ETFE surface, SunPower solar cells

High-temperature resistant, corrosion-resistant and water resistant

Available to be bent 30 degree and suitable for installing on irregular surface

Features

*Its conversion efficiency is as high as 22.0% -23.5%.

*Weak light tolerance to work well under the weak light

*Suitable for marine boats, camper vans, tents and other slightly curved surface.



Portable Sunpower Solar Charger

Ultra-lightweight and foldable solar charger with a comfortable plastic handle.

High transmittance, PET frosting surface, and waterproof

Compression resistance, antiimpact and durable

Typical Applications

*It is designed for portable charging.

*It's ideal for camping, RV, outdoor use, rural medical and emergency situations.

*Besides, it features 12V output and allows you to charge ordinary battery, lead acid battery or lithium battery.





Portable Solar Panel



Folds up like a suitcase for easy storage and transport

With adjustable aluminum stands for better angle of light

Unique design, corrosion resistance, waterproof and weather resistance

Features

*Easy to set up and use

*Great resistance to wind pressure, snow load and so on

*Perfect for camping, RV, yacht and so on.



Rigid Galss Solar Panel

Adopts monocrystalline/polycrystalline solar cells, has higher conversion efficiency

Better resistant to extreme weather, water resistance

10 years warranty, good customer service, great for RV, roof, off-grid use etc.

Typical Applications

The Monocrystalline and Polycrystalline of solar panel have high efficiency and longer service life, providing electricity for charging 12V batteries, and bringing convenience for your life.



CONTROLLER, CABLES AND ACCESSORIES

 1, Batteries, Controller, cable, MC4 connectors and other accessories can be matched per customer's requirements, the followings just some of the typical ones for reference. More details need to provide the specs.





Solarparts Product Typical and Classic Applications-1/3







Solar Home



Solar Boat







Solar Power Generator



Solarparts Product Typical and Classic Applications-2/3









Solarparts Product Typical and Classic Applications-3/3

For Consumable Energies















THANKS AND CONTACT US

Contact us: Company: Shenzhen Solarparts Inc. Shenzhen Puguang Solar Energy Co.,Ltd. Address: 4th Flor,Building A3,Xinglian Industrial Park, Pingxing North Road, PinghuTown,Longgang District, Shenzhen 518112 China. Phone: +86-755-28720791 Fax: +86-755 85233441 Mobile: +86-13923729619 Website: www.isolarparts.com Email: Philip@isolarparts.com







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