

# Sterling Powergensys Limited





CORPORATE & REGISTERED OFFICE

Office No. 816, 8th Floor, Rajhans Helix 3 (Shreyas Cinema), Sanghani Estate,  
L.B.S. Marg, Ghatkopar (West), Mumbai - 400 086, Maharashtra, INDIA.

BRANCH OFFICE - BRAZIL

To be opened in Sao Paulo Brazil



022 2560 5588



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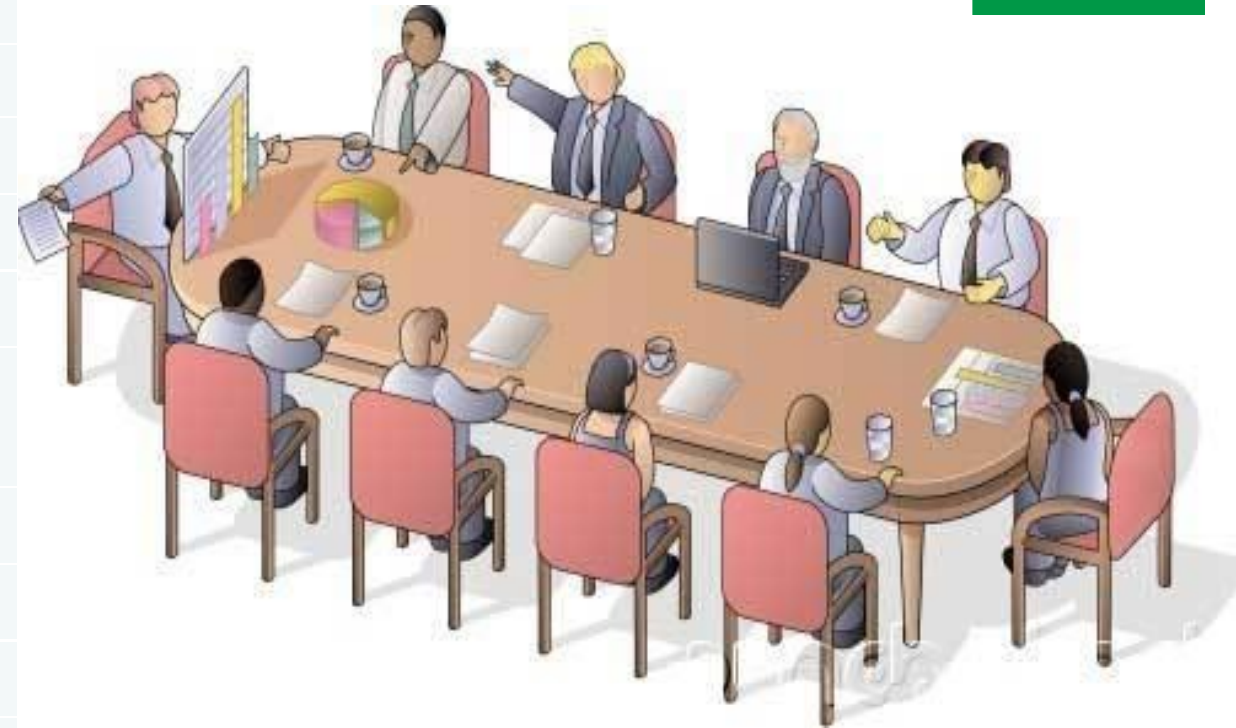
[www.splsolar.in](http://www.splsolar.in)

### OUR BANKERS



BOARD OF DIRECTORS AND KEY MANAGERIAL PERSONS

Sr. No.	Name	Position
1	Mr. Gaurav Kaushik	Company Secretary
2	Mr. Shankar Ramnath Iyer	Chairman & Independent Director
3	Mr. Sankaran Venkata Subramanian	Managing Director
4	Mr. Navinchandra Joshi	Executive Director
5	Mrs. Iyar Rajalakshmi	Non-Executive Director
6	Mr. Sujeet Singh	Independent Director
7	Mr. Sundar Venkataraman	Independent Director
8	Mr. Harishchandra Naukudkar	Chief Executive Officer
9	Mr. Dineshkumar Agarwal	Advisor - Project Finance



# About the Company



- SPL was incorporated in the year 1984 and is a listed company on BSE.
- SPL is a leading manufacturer of industrial boilers, waste heat recovery boilers, producer gas plants, sponge iron manufacturing plants, co-generation power plants and specialized energy conservation equipment.
- SPL has manufactured and supplied equipment to all the leading business houses in India with more than 600 industrial boilers manufactured and installed by SPL in the past 34 years.
- SPL is a technology driven company and has provided industry with tailor made innovative solutions for the specific needs of the clients.
- SPL entered the Solar Power Sector in the year 2010-11 by providing Module Mounting Solution for Solar Power Projects on EPC basis. In short span of time, SPL has executed around 100 MW of Solar Power Projects.
- SPL is continuously working on to develop sustainable and reliable Engineering & Designing to increase efficiency and reduce the overall cost of installing of Solar Power Plant
- SPL is keen to establish itself as Independent power producer (IPP) in solar power sector.



# Contd.

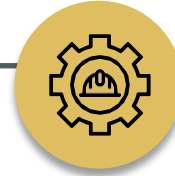


- Sterling Powergensys Limited (SPL), incorporated in 1984, is a BSE-listed company serving various industries.
- We are a technology-driven company, offering tailor-made innovative solutions for client-specific needs.



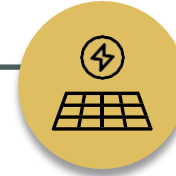
## Boiler and Thermal Projects

- Erstwhile manufacturer of Industrial Boilers.
- Specializes in Waste Heat Recovery Boilers.
- Over 600 boilers installed globally.
- Introduced Hydrogen Gas-fired Boilers to Indian Chlor-Alkali industries in 1994.
- Demonstrated lifecycle of over 25 years for their products.



## EPC Projects

- SPL supplied during the year 2000 to 2012
- Producer Gas Plants
- Sponge Iron manufacturing plants
- Co-generation Power Plants
- Waste Heat Recovery systems
- Specialized Energy Conservation Equipment



## Solar Power Plants

- SPL entered Solar Power Sector in 2010-11 and continuing
- Provided Module Mounting Solution for Solar Power Projects on EPC basis.
- Executed around 75-80 MW of Solar Power Projects and achieved significant milestones in a short span.

SPL is in process to open its overseas branch Offices at Sao Paulo in Brazil & SAIF (Sharjah Airport International Free Zone U.A.E.) for facilitating Merchant Exports of Sugar, Wheat, and Rice to Sri Lanka, South & West Africa.



# Solar Power Business Vertical - II



World over greater emphasis has been placed on renewable source of energy and solar power generation is on top of the list being clean & pollution free activity.

SPL being already in the field of Power Plant suppliers on EPC basis, it makes huge business sense for the company to develop its ability in the said solar power sector. In the process of execution of projects on EPC basis for steel & power sector, SPL has developed immense strength in fabrication & engineering field and SPL is of the view that these two strengths can be utilized properly to serve clients in solar power sector and in the process, develop other required skills.

With its engineering skills, at design stage itself SPL could reduce requirement of steel substantially for its client M/s Refex Energy Pvt. Ltd. and received its first order for supply & erection of structure for 1.26 MW solar power project which is a project of M/s Sun Edison Energy India Pvt. Ltd.



# 1) Stock & Sale model for KW system - Online/ DSA

- Our Online roof top solar business consists of creating awareness about solar power and making it available to every individual /organization in country. We are in solar power sector in India since last 9 years and have studied the market for both on grid & off grid and specifically in roof top sector where lots of issue are unsolved and creating a huge gap between supplier and prospective customer of solar roof top system. For last one year we have worked extensively to find solution to these issues and worked out number of standard models of roof top solar solutions for prospective customers.
- SPL is the first company in India to work on this model. We have launched our business model, through E-commerce platform. Under this model Company has introduced the concept of product for solar power system against the prevailing practice of considering it as project irrespective of size. Company has developed various standard solar power system ranging from 250 watt to 30 KW system. Company maintain stock of these system and all the details regarding offering are displayed on it's website i.e. [www.splsolar.in](http://www.splsolar.in) including make of components and pricing as well, wherein potential customer can take an informed decision and can order online. Company dispatched its goods well within 72 hours of receipt of order & payment.



# Contd.



SPL have been empanelled by Ministry of New and Renewable Energy (Govt. of India) as their Channel Partner for **ON GRID**.



Generated through online application of MNRE namely SPIN developed by NIC



## Contd.



SPL has developed standard models for solar PV System for roof top solutions. These products have been designed with best available technology & superior design to optimize the product use & reduce the overall cost to consumer.

### Some of the Products under On Grid are as under :-

1. Smart Home -1 to 5 KW
2. Smart Office - 5 to 15 KW
3. Efficient Business - 15 to 30 KW & in multiple up to 300 KW
4. Sterling Optima - 300 KW – up to 3 MW with Single Axis System



# ONGRID INSTALLATION



# Catalogue – SMART HOME MICRO



**smart home MICRO**  
SolarPV Power Generating System

**SPL™**

Power your home full day with Solar

ideal for **25** to **25** UNITS of day time consumption (7am to 5pm)

**Benefits**

- Energy saving from the first day
- Reduce electricity bill of higher slab
- No power cut during day time\*\*
- Low and Easy maintenance
- Safe and green for the environment
- Proven, long-lasting modules with assured power output for 25 years

**POWER OUTPUT FOR 25 YEARS**

EO PLUG N PLAY, FREE INSTALLATION, CERTIFIED, WIND RESISTANCE up to 20 km/hr, PAN INDIA SOLAR NETWORK

**SPL™**

**smart home MICRO**  
SolarPV Power Generating System

Owing to the rising electricity tariffs in India, our wide range of **SMART HOME MICRO** Single Phase grid connected Solar Roof Top PV systems are becoming economically viable, offering multiple benefits. The expected payback with mid-sized grid connected RTPV solution is 6 to 10 years.

- Your contribution for reducing carbon footprint
- Helps to save the environment for future generation

**COMPONENTS**

Solar Panel	Micro Inverter	Electronic Meter	Mounting Structure
Plugin Socket with 3core Cable	Earthing System	Enclosure	Installation Kit & Guide

Standard 5 year warranty on all components with free replacement

**POWER OUTPUT FOR 25 YEARS**

EO PLUG N PLAY, FREE INSTALLATION, CERTIFIED, WIND RESISTANCE up to 20 km/hr, PAN INDIA SOLAR NETWORK

**SPECIFICATIONS**

	SES-SHM-250	SES-SHM-500	SES-SHM-750	SES-SHM-1000
Ideal for day time consumption (7am to 5pm)	2 units	3 units	4 units	5 units
Number of 250 watt Solar Panel (Polycrystalline)	1	2	3	4
Net metering option	✓	✓	✓	✓
Overload & Surge Protection	✓	✓	✓	✓
Possibility of parallel with existing UPS (P+N) & Battery with ATS**	✗	✗	✓	✓
Expected Energy Generation Kwh/year	365	730	1090	1450
Delivered Price (All Inclusive)	₹36900/-	₹61900/-	₹80900/-	₹98900/-

• Installation Charges Rs. 1500 • Service charges / Visit fees Rs. 300 per

**LOAD CHART** day time consumption\*

Appliance	Hours	SES-SHM-250	SES-SHM-500	SES-SHM-750	SES-SHM-1000
Computer/ Laptop	4 hr	1	1	1	1
Television (LED)	4 hr	1	1	1	1
Tubelight & CFL	3 hr	1	1	1	1
FRIDGE 210 LTR	8 hr	1	1	1	1
Fan	3 hr	1	1	1	1
Split AC	4 hr	1	1	1.5 ton	1.5 ton

\*Based on typical household loads and typical ratings. Check specific wattage of the appliance you are using.

**SPL™**

**Schematic Diagram**

System consist of various specialized manufacturers in the industry

vikram solar, trinasolar, AE, enphase ENERGY

*Plug into the Sun!*

**SPL™**  
STERLING POWERGENSYS LTD.  
2/10 Meghal Industrial Estate, Devdayal Road, Mulund [W], Mumbai 400080 - INDIA  
Tel: 022 2560 5588 / 022 2591 6496  
mktg@spisolar.in

AREA DSA

Available on **snapdeal** and **amazon.in**

To view entire product range from 2Kw - 1000Kw visit [www.sterlingpowergensysltd.com](http://www.sterlingpowergensysltd.com)

# Catalogue – SMART HOME GREEN



**SPL™**  
Make Energy while the sun shines!

**smart home GREEN™**  
Solar PV Power Generating System

**Grid tied Solar System** Single Phase, Range 2.5 kw to 6 kw DC



SPL for Efficient & Economical Solar PV power generation

**SPL™** Our integrated system includes a Module mounting Support structure which is made of SS Cold Rolled section designed to withstand wind speed of 200 KM/H.

**Quality is our Signature hence we offer 25 years of life Warranty on Our Designed Integrated Solar system.**

The integrated Solar PV System are designed to produce the expected AC power generation even, certified by independent Test houses with test certificate submitted to the end user.

We have Our trained Pan India Channel Partners to provide On site Service and device Replacement at quickest time frame throughout the life span of our product.

**vikram solar** Our integrated System consist of Vikram Solar PV panel Model ELDORA 250 which is certified by TÜV and UL.

**SMA** Our integrated System consist of SMA SB Series Inverter for Solar Roof Top Solution.

www.spsolar.in Toll Free no: 1800 22 0561 **Go for Solar Power**

**SPL™** smart home GREEN™  
Products in this range

MODEL	UNITS	SBS-9H-2.5	SBS-5H-3.75
<b>SOLAR PV PANEL</b>			
Make	-	VIKRAM SOLAR, ELDORA 250 Wps, 60 CELL POLYCRYSTALINE	60 CELL POLYCRYSTALINE
No of panels per system	Nos	10	15
Installed DC Power (IP)	Kw	2.50	3.75
# Warranted Life	Years	25	25
<b>INVERTER</b>			
Make	-	SMA	SMA
Model No.	-	SB 2100 TL	SB 3000 TL
Rated Power (@ 230V, 50Hz) 1N1PE	W	2100	3000
AC Protection	-	Yes	Yes
Surge Protection	-	Yes	Yes
IP Protection	-	IP 65	IP 65
Guaranteed Life	Years	5	5
Warranted Life	Years	25	25
<b>SYSTEM PROTECTION</b>			
Control Panel Unit (Rittal)	Size (MM/DZm)	1000x600x500	1000x600x500
Installation	-	Indoor / Covered	Indoor / Covered
DC Protection	-	Yes	Yes
Surge Protection	-	Yes	Yes
Earthing Grid Electrode	-	CR8	CR8
IP Protection	-	IP 54	IP 54
System Schematic Diagram	-	Yes	Yes
<b>STRUCTURE - Module Construction</b>			
Make	-	STERLING POWERGENSYS LTD	STERLING POWERGENSYS LTD
Models	-	SFS-IR / SFS-AP / SFS-QP / SFS-GM	SFS-IR / SFS-AP / SFS-QP / SFS-GM
Material	-	SS Cold Formed Sections	SS Cold Formed Sections
Fixed Tilt North, South	Mechanism	Manual	Manual
Type Of Installation	-	Roof Top, Inclined Roof, Ground Mount	Roof Top, Inclined Roof, Ground Mount
Wind Load Sustainability	Km/hr	200	200
FEA Analysis	-	STAAD-PRO/ Nastran	STAAD-PRO/ Nastran
Guaranteed Life	Years	25	25
<b>SUPPLY PRICE</b>			
Total Delivered Price	Rs.	2,50,000/-	3,00,000/-
<b>SERVICES</b>			
Supervision, Commissioning & Validation	Rs.	Free	Free
<b>OPTIONAL ADD ON PRICE</b>			
Extended Warranty	-	Yes	Yes
<b>OPTIONAL PAID SERVICES</b>			
Actual Erection And Services	-	Yes	Yes
Annual Maintenance Contract	-	Yes	Yes
<b>*ENERGY GENERATION</b>			
Average Expected Power Generation Per Annum	KWh/Year	3628	5700

# Please find Warranty clause here

SFS-QL-2X2 SFS-QP-2X2 SFS-QP-1X3 SFS-QP-1X4 SFS-IRP-01 SFS-IRL-01

\*To confirm Energy \*\*Generation Please Check with PV Syst 6.3.9  
\*\* The Generation may vary marginally as per location

www.spsolar.in Toll Free no: 1800 22 0561 **Preserve Environment**

**SPL™** smart home GREEN™  
Products in this range

MODEL	UNITS	SBS-9H-06	SBS-5H-04
<b>SOLAR PV PANEL</b>			
Make	-	VIKRAM SOLAR, ELDORA 250 Wps, 60 CELL POLYCRYSTALINE	60 CELL POLYCRYSTALINE
No of panels per system	Nos	20	24
Installed DC Power (IP)	Kw	6	6
# Warranted Life	Years	25	25
<b>INVERTER</b>			
Make	-	SMA	SMA
Model No.	-	SB 4000 TL	SB 5000 TL
Rated Power (@ 230V, 50Hz) 1N1PE	W	4000	5000
AC Protection	-	Yes	Yes
Surge Protection	-	Yes	Yes
IP Protection	-	IP 65	IP 65
Guaranteed Life	Years	5	5
Warranted Life	Years	25	25
<b>SYSTEM PROTECTION</b>			
Control Panel Unit (Rittal)	Size (MM/DZm)	1000x600x500	1000x600x500
Installation	-	Indoor / Covered	Indoor / Covered
DC Protection	-	Yes	Yes
Surge Protection	-	Yes	Yes
Earthing Grid Electrode	-	CR8	CR8
IP Protection	-	IP 54	IP 54
System Schematic Diagram	-	Yes	Yes
<b>STRUCTURE - Module Construction</b>			
Make	-	STERLING POWERGENSYS LTD	STERLING POWERGENSYS LTD
Models	-	SFS-IR / SFS-AP / SFS-QP / SFS-GM	SFS-IR / SFS-AP / SFS-QP / SFS-GM
Material	-	SS Cold Formed Sections	SS Cold Formed Sections
Fixed Tilt North, South	Mechanism	Manual	Manual
Type Of Installation	-	Roof Top, Inclined Roof, Ground Mount	Roof Top, Inclined Roof, Ground Mount
Wind Load Sustainability	Km/hr	200	200
FEA Analysis	-	STAAD-PRO/ Nastran	STAAD-PRO/ Nastran
Guaranteed Life	Years	25	25
<b>SUPPLY PRICE</b>			
Total Delivered Price	Rs.	3,75,000/-	4,50,000/-
<b>SERVICES</b>			
Supervision, Commissioning & Validation	Rs.	Free	Free
<b>OPTIONAL ADD ON PRICE</b>			
Extended Warranty	-	Yes	Yes
<b>OPTIONAL PAID SERVICES</b>			
Actual Erection And Services	-	Yes	Yes
Annual Maintenance Contract	-	Yes	Yes
<b>*ENERGY GENERATION</b>			
Average Expected Power Generation Per Annum	KWh/Year	7730	9290

# Please find Warranty clause here

SFS-AP-2X2 SFS-AP-1X4 SFS-AP-1X3 SFS-AL-2X2 SFS-IRP-0.75

\*To confirm Energy \*\*Generation Please Check with PV Syst 6.3.9  
\*\* The Generation may vary marginally as per location

www.spsolar.in Toll Free no: 1800 22 0561 **Generate your own electricity**

**SPL™** smart home GREEN™  
Other Products

**Grid Solar System** - Make Energy while the sun shines!

**Micro** - Power your home full day with Solar. Ideal for 25 UNITS of load. 25 YEARS WARRANTY.

**Biljee-Point** - Stand Alone - Solar AC 3ph. Power for new/existing AC Water Pump for Irrigation & Building Overhead Water Tanks.

**EFFICIENT BUSINESS** - Make Energy while the sun shines!

www.spsolar.in Toll Free no: 1800 22 0561 **Go for Solar Power**

# Catalogue – SMART OFFICE



**SPL™**  
Make Energy while the sun shines!

**SMART OFFICE**  
Solar Power Generating System

**Grid tied Solar System** Three Phase, Range 4 kw to 15 kw DC

SPL office 9Kw-Net metering Mumbai | SPL for Efficient & Economical Solar PV power generation

**SPL™** Our Integrated system includes a Module Mounting Support Structure which is made of MS hot-dipped galvanized section with hot dip galvanization of above 80 microns, designed to withstand wind speed of 200 km/hr.

**SPL™** The Integrated Solar PV systems are designed with our in-house mounting & tracking system to produce the expected AC power generation per annum, certified by independent test houses with test certificates submitted to the End Users.

Quality is our Signature hence we offer 25 years of life Warranty on our Designed Integrated Solar system.

We have our trained Post-Installation Partners to provide On-site Service and device Replacement at quickest time frame throughout the life span of our product.

Our Integrated system consist of grade module of Vikram Solar (SFS-QL, SFS-QP, SFS-QR, SFS-QR, SFS-QR, SFS-QR) We do not trade in other brands.

Our Integrated system consist of premium module of Sun Solar (SMA, SFS-AL, SFS-AL, SFS-AL, SFS-AL) We do not trade in other PowerGenCo's module.

Our Integrated System consist of SMA SFP Series inverter for Solar On Grid Commercial Complexes.

www.splsolar.in Toll Free no: 1800 22 0561 Go for Solar Power

**SPL™** **SMART OFFICE** Solar Power Generating System

**Products in this range**

MODEL	UNITS	SFS-SO-06	SFS-SO-07
<b>SOLAR PV PANEL</b>			
Make		Vikan Solar 2 cell Polycrystalline 310-315 Wp/Tera Solar 2 cell Monocrystalline 345-355 Wp	
No of panels per system	Nos	19/18	23/20
Installed DC Power (IP)	Kw	6	7
# Warranted Life	Years		25
<b>INVERTER</b>			
Make		SMA	SMA
Model No.		STP 6000 TL	STP 6000 TL
Rated Power (@ 230V, 50Hz) 3N/PE	W	5000	6000
AC Protection		Yes	Yes
IP Protection		IP 65	IP 65
Guaranteed Life	Years	5	5
Warranted Life	Years	25	25
<b>SYSTEM PROTECTION</b>			
Control Panel Unit (Rfid)	Size (HxWxD)mm	1200x800x300	1200x800x300
Installation		Indoor / Covered	Indoor / Covered
DC Protection		Yes	Yes
Surge Protection		Yes	Yes
Earthing Electrode		OBC	OBC
IP Protection		IP 54	IP 54
System Schematic Diagram			
<b>STRUCTURE - Module Construction</b>			
Make		STERLING POWERGENSYS LTD	STERLING POWERGENSYS LTD
Models		SFS-IR / SFS-AP / SFS-QP / SFS-GM	SFS-IR / SFS-AP / SFS-QP / SFS-GM
Material		MS Hot Rolled/Cold Formed Sections	MS Hot Rolled/Cold Formed Sections
Fixed Tilt North, South	Mechanism	Manual	Manual
Type of Installation		Roof Top, Inclined Roof, Ground Mount	Roof Top, Inclined Roof, Ground Mount
Wind Load Sustainability	Km/hr	200	200
FEA Analysis		STAAD-PRO/ Nastran	STAAD-PRO/ Nastran
Guaranteed Life	Years	25	25
<b>SUPPLY PRICE</b>			
Total Delivered Price	Rs.	4,50,000/-	5,25,000/-
<b>SERVICES</b>			
Supervision, Commissioning & Validation	Rs.	Free	Free
<b>OPTIONAL ADD ON PRICE</b>			
Extended Warranty			
Net Metering & Islanding			
<b>OPTIONAL PAID SERVICES</b>			
Actual Erection And Services			
Annual Maintenance Contract			
<b>*ENERGY GENERATION</b>			
Average Expected Power Generation Per Annum	KWh/Year	9380	10880

# Please find Warranty clause here

SFS-QL-2X2 SFS-QP-2X2 SFS-QP-1X4 SFS-QP-1X3

\*To confirm Energy \*\*Generation Please Check with PV Syst 6.3.9  
\*\* The Generation may vary marginally as per location

www.splsolar.in Toll Free no: 1800 22 0561 Preserve Environment

**SPL™** **SMART OFFICE** Solar Power Generating System

**Products in this range**

MODEL	UNITS	SFS-SO-08	SFS-SO-09	SFS-SO-10
<b>SOLAR PV PANEL</b>				
Make		Vikan Solar 2 cell Polycrystalline 310-315 Wp/Tera Solar 2 cell Monocrystalline 345-355 Wp		
No of panels per system	Nos	29/23	29/29	32/29
Installed DC Power (IP)	Kw	8	9	10
# Warranted Life	Years		25	10
<b>INVERTER</b>				
Make		SMA	SMA	SMA
Model No.		STP 7000 TL	STP 8000 TL	STP 9000 TL
Rated Power (@ 230V, 50Hz) 3N/PE	W	7000	8000	9000
AC Protection		Yes	Yes	Yes
IP Protection		IP 65	IP 65	IP 65
Guaranteed Life	Years	5	5	5
Warranted Life	Years	25	25	25
<b>SYSTEM PROTECTION</b>				
Control Panel Unit (Rfid)	Size (HxWxD)mm	1200x800x300	1200x800x300	1200x800x300
Installation		Indoor / Covered	Indoor / Covered	Indoor / Covered
DC Protection		Yes	Yes	Yes
Surge Protection		Yes	Yes	Yes
Earthing Electrode		OBC	OBC	OBC
IP Protection		IP 54	IP 54	IP 54
System Schematic Diagram				
<b>STRUCTURE - Module Construction</b>				
Make		STERLING POWERGENSYS LTD	STERLING POWERGENSYS LTD	STERLING POWERGENSYS LTD
Models		SFS-IR / SFS-AP / SFS-QP / SFS-GM	SFS-IR / SFS-AP / SFS-QP / SFS-GM	SFS-IR / SFS-AP / SFS-QP / SFS-GM
Material		MS Hot Rolled/Cold Formed Sections	MS Hot Rolled/Cold Formed Sections	MS Hot Rolled/Cold Formed Sections
Fixed Tilt North, South	Mechanism	Manual	Manual	Manual
Type of Installation		Roof Top, Inclined Roof, Ground Mount	Roof Top, Inclined Roof, Ground Mount	Roof Top, Inclined Roof, Ground Mount
Wind Load Sustainability	Km/hr	200	200	200
FEA Analysis		STAAD-PRO/ Nastran	STAAD-PRO/ Nastran	STAAD-PRO/ Nastran
Guaranteed Life	Years	25	25	25
<b>SUPPLY PRICE</b>				
Total Delivered Price	Rs.	6,00,000/-	6,75,000/-	7,50,000/-
<b>SERVICES</b>				
Supervision, Commissioning & Validation	Rs.	Free	Free	Free
<b>OPTIONAL ADD ON PRICE</b>				
Extended Warranty				
Net Metering & Islanding				
<b>OPTIONAL PAID SERVICES</b>				
Actual Erection And Services				
Annual Maintenance Contract				
<b>*ENERGY GENERATION</b>				
Average Expected Power Generation Per Annum	KWh/Year	12480	14060	15600

# Please find Warranty clause here

SFS-AP-2X2 SFS-AP-1X4 SFS-AP-1X3 SFS-AL-2X2

\*To confirm Energy \*\*Generation Please Check with PV Syst 6.3.9  
\*\* The Generation may vary marginally as per location

www.splsolar.in Toll Free no: 1800 22 0561 Generate your own electricity

**SPL™** **SMART OFFICE** Solar Power Generating System

**Products in this range**

MODEL	UNITS	SFS-SO-12	SFS-SO-15
<b>SOLAR PV PANEL</b>			
Make		Vikan Solar 2 cell Polycrystalline 310-315 Wp/Tera Solar 2 cell Monocrystalline 345-355 Wp	
No of panels per system	Nos	38/35	48/43
Installed DC Power (IP)	Kw	12	15
# Warranted Life	Years		25
<b>INVERTER</b>			
Make		SMA	SMA
Model No.		STP 10000 TL	STP 12000 TL
Rated Power (@ 230V, 50Hz) 3N/PE	W	10000	12000
AC Protection		Yes	Yes
IP Protection		IP 65	IP 65
Guaranteed Life	Years	5	5
Warranted Life	Years	25	25
<b>SYSTEM PROTECTION</b>			
Control Panel Unit (Rfid)	Size (HxWxD)mm	1200x800x300	1200x800x300
Installation		Indoor / Covered	Indoor / Covered
DC Protection		Yes	Yes
Surge Protection		Yes	Yes
Earthing Electrode		OBC	OBC
IP Protection		IP 54	IP 54
System Schematic Diagram			
<b>STRUCTURE - Module Construction</b>			
Make		STERLING POWERGENSYS LTD	STERLING POWERGENSYS LTD
Models		SFS-IR / SFS-AP / SFS-QP / SFS-GM	SFS-IR / SFS-AP / SFS-QP / SFS-GM
Material		MS Hot Rolled/Cold Formed Sections	MS Hot Rolled/Cold Formed Sections
Fixed Tilt North, South	Mechanism	Manual	Manual
Type of Installation		Roof Top, Inclined Roof, Ground Mount	Roof Top, Inclined Roof, Ground Mount
Wind Load Sustainability	Km/hr	200	200
FEA Analysis		STAAD-PRO/ Nastran	STAAD-PRO/ Nastran
Guaranteed Life	Years	25	25
<b>SUPPLY PRICE</b>			
Total Delivered Price	Rs.	8,51,000/-	10,50,000/-
<b>SERVICES</b>			
Supervision, Commissioning & Validation	Rs.	Free	Free
<b>OPTIONAL ADD ON PRICE</b>			
Extended Warranty			
Net Metering & Islanding			
<b>OPTIONAL PAID SERVICES</b>			
Actual Erection And Services			
Annual Maintenance Contract			
<b>*ENERGY GENERATION</b>			
Average Expected Power Generation Per Annum	KWh/Year	18560	23470

# Please find Warranty clause here

SFS-IRP-01 SFS-IRL-01 SFS-IRP-075

\*To confirm Energy \*\*Generation Please Check with PV Syst 6.3.9  
\*\* The Generation may vary marginally as per location

www.splsolar.in Toll Free no: 1800 22 0561 Save Fuel & Money for Future

# Catalogue – EFFICIENT BUSINESS



**SPL™**  
Make Energy while the sun shines!

**EFFICIENT BUSINESS**  
Solar PV Power Generating System

**Grid tied Solar System** Three Phase, Range 18 kw to 30 kw DC

*JW Marriott 45Kw-On grid Mumbai*    *SPL for Efficient & Economical Solar PV power generation*

**SPL™** Our Integrated system includes a Module Mounting Support Structure which is made of MS Hot rolled section with top galvanized/aluminum anodized sections, designed to withstand wind speed of 300 km/hr.

Quality is our Signature hence We offer **25 years of life Warranty** on Our Designed Integrated Solar system.

The Integrated Solar PV Systems are designed with odd on net metering & Monitoring features to produce the expected AC power generation per annum, certified by independent Test houses with test cell costs submitted to the End Users.

We have Our Trained Pan India Channel Partners to provide On site Service and device Replacement at quickest time frame throughout the Life span of our product.

Our Integrated System consist of **SMA STP Series Inverter for Solar On Grid Commercial Compliances.**

Our Integrated System consist of **SMA STP Series Inverter for Solar On Grid Commercial Compliances.**

www.splsolar.in    Toll Free no: 1800 22 0561    Go for Solar Power

**SPL™** **EFFICIENT BUSINESS** Solar PV Power Generating System

**Products in this range**

MODEL	UNITS	SES-EB-18	SES-EB-20
<b>SOLAR PV PANEL</b>			
Make	-	Vision Solar 72 cell Polycrystalline 345/315 Wp/1800x720mm Mono crystalline 345/305 Wp	
No of panels per system	Nos	59/52	64/58
Installed DC Power IP	Kw	18	20
# Warranted Life	Years		25
<b>INVERTER</b>			
Make	-	SMA	SMA
Model No.	-	STP 19000TL	STP 17000TL
Rated Power (@ 230V, 50Hz) 3N/PE	W	15000	17000
AC Protection	-	Yes	Yes
IP Protection	-	IP 65	IP 65
Guaranteed Life	Years	5	5
Warranted Life	Years	25	25
<b>SYSTEM PROTECTION</b>			
Control Panel Unit (Rittal)	Size (DxWxD)mm	1400x1000x400	
Installation	-	Indoor / Covered	
DC Protection	-	Yes	Yes
Surge Protection	-	Yes	Yes
Earthing Electrode	-	OBO	OBO
IP Protection	-	IP 54	IP 54
System Schematic Diagram	-	Yes	Yes
<b>STRUCTURE - Module Construction</b>			
Make	-	STERLING POWERGENSIS LTD	
Models	-	SFS-AR / SFS-AP / SFS-QP / SFS-GM	
Material	-	MS Hot Rolled/Cold Formed Sections	
Fixed Tilt North, South	Mechanism	Manual	
Type Of Installation	-	Roof Top, Inclined Roof, Ground Mount	
Wind Load Sustainability	Km/hr	200	
FEA Analysis	-	STAAD-PRO/ Nastran	
Guaranteed Life	Years	25	
<b>SUPPLY PRICE</b>			
Total Delivered Price	Rs.	11,35,000/-	12,40,000/-
<b>SERVICES</b>			
Supervision, Commissioning & Validation	Rs.	Free	Free
<b>OPTIONAL ADD ON PRICE</b>			
Extended Warranty	-	Yes	Yes
Net Metering & Islanding	-	Yes	Yes
<b>OPTIONAL PAID SERVICES</b>			
Actual Erection And Services	-	Yes	Yes
Annual Maintenance Contract	-	Yes	Yes
<b>*ENERGY GENERATION</b>			
Average Expected Power Generation Per Annum	KWh/Year	28190	31210

# Please find Warranty clause here

SFS-AP-2X2

SFS-AP-1X4

SFS-AP-1X3

SFS-AL-2X2

SFS-IRP-0.75

**\*To confirm Energy \*\*Generation Please Check with PV Syst 6.3.9**  
\*\* The Generation may vary marginally as per location

www.splsolar.in    Toll Free no: 1800 22 0561    Preserve Environment

**SPL™** **EFFICIENT BUSINESS** Solar PV Power Generating System

**Products in this range**

MODEL	UNITS	SES-EB-25	SES-EB-30
<b>SOLAR PV PANEL</b>			
Make	-	Vision Solar 72 cell Polycrystalline 345/315 Wp/1800x720mm Mono crystalline 345/305 Wp	
No of panels per system	Nos	80/72	95/86
Installed DC Power IP	Kw	25	30
# Warranted Life	Years		25
<b>INVERTER</b>			
Make	-	SMA	SMA
Model No.	-	STP 20000 TL	STP 25000 TL
Rated Power (@ 230V, 50Hz) 3N/PE	W	20000	25000
AC Protection	-	Yes	Yes
IP Protection	-	IP 65	IP 65
Guaranteed Life	Years	5	5
Warranted Life	Years	25	25
<b>SYSTEM PROTECTION</b>			
Control Panel Unit (Rittal)	Size (DxWxD)mm	1400x1000x400	
Installation	-	Indoor / Covered	
DC Protection	-	Yes	Yes
Surge Protection	-	Yes	Yes
Earthing Electrode	-	OBO	OBO
IP Protection	-	IP 54	IP 54
System Schematic Diagram	-	Yes	Yes
<b>STRUCTURE - Module Construction</b>			
Make	-	STERLING POWERGENSIS LTD	
Models	-	SFS-AR / SFS-AP / SFS-QP / SFS-GM	
Material	-	MS Hot Rolled/Cold Formed Sections	
Fixed Tilt North, South	Mechanism	Manual	
Type Of Installation	-	Roof Top, Inclined Roof, Ground Mount	
Wind Load Sustainability	Km/hr	200	
FEA Analysis	-	STAAD-PRO/ Nastran	
Guaranteed Life	Years	25	
<b>SUPPLY PRICE</b>			
Total Delivered Price	Rs.	15,00,000/-	18,00,000/-
<b>SERVICES</b>			
Supervision, Commissioning & Validation	Rs.	Free	Free
<b>OPTIONAL ADD ON PRICE</b>			
Extended Warranty	-	Yes	Yes
Net Metering & Islanding	-	Yes	Yes
<b>OPTIONAL PAID SERVICES</b>			
Actual Erection And Services	-	Yes	Yes
Annual Maintenance Contract	-	Yes	Yes
<b>*ENERGY GENERATION</b>			
Average Expected Power Generation Per Annum	KWh/Year	39200	47100

# Please find Warranty clause here

SFS-QL-2X2

SFS-QP-2X2

SFS-QP-1X3

SFS-QP-1X4

SFS-IRP-01

SFS-IRL-01

**\*To confirm Energy \*\*Generation Please Check with PV Syst 6.3.9**  
\*\* The Generation may vary marginally as per location

www.splsolar.in    Toll Free no: 1800 22 0561    Generate your own electricity

**SPL™** **EFFICIENT BUSINESS** Solar PV Power Generating System

**Our Recent Installations**

**Wells Fargo 35Kw-Banglore**

**Quanta-30Kw-Vapi**

www.splsolar.in    Toll Free no: 1800 22 0561    Go for Solar Power

# 1) Stock & Sale model for KW system - Online/ DSA - CONT.



We have been empanelled by Ministry of New and Renewable Energy (Govt. of India) as their Channel Partner for **OFF GRID**.

भारत सरकार  
नवीन और नवीकरणीय ऊर्जा मंत्रालय  
Government of India  
MINISTRY OF NEW AND RENEWABLE ENERGY  
ब्लॉक नं. 14, सेंट्रल कार्यालय परिसर, लोदी रोड, नई दिल्ली-110003  
BLOCK NO. 14, C.G.O. COMPLEX, LODI ROAD, NEW DELHI - 110 003

Fax : 011-24361298  
Telegram : RENEWABLE

सं. No. 32/59/2016-17/PVSE  
दिनांक 01.07.2016

Director,  
M/S Sterling Powergensys Limited,  
A-8/4, M.I.D.C. Area,  
Murbad - 421401,  
Distt. Thane (Maharashtra)

Sub: Channel partner for Off-Grid and Decentralized Solar Applications Programme of Ministry of New and Renewable Energy.

Sir,  
With reference to your letter with rating report by **SMERA** for your Company it is to inform that Ministry has accepted the Rating Report and empanelled your Company as Channel Partner for Off-Grid and Decentralized Solar Applications Programme.

- The validity period of empanelment of your company as channel partner is up to **31.03.2018**.
- Channel partner code of your company is **MH-SI/2016/N/26**.
- Being a channel partner you have to **install systems with standards specified for the off-grid programme with or without subsidy**. In case any sub-standard components are installed and systems are not functioning as per the requirement of the programme, the Ministry will withdraw empanelment with immediate effect by giving advance notice to the Company.
- As channel partner, your company is entitled to work in any state(s) of your choice. However, your company should have an office in the part of that state(s) where you work with all tax/registrations according to that State Government and billing must be from the office of the concerned state.
- All the systems to be installed as channel partner must be with 2 years' warranty followed by 3 years' comprehensive maintenance contract which is mandatory for channel partner to offer any solution to customer with or without subsidy.

1/2

- Ministry also anticipates as channel partner, your company will create awareness and educate users beneficiaries about the programme.
- Government of India's logo is not allowed to be used in any of your company's letter heads/ any other communications.
- This empanelment is purely on temporary basis only to participate in promoting the Off-Grid and Decentralized Solar Application programme.
- Renewal of channel partnership for another 2 years is based on the activity/ progress reports that have to be submitted to the Ministry on quarterly basis.
- Ministry has no role in the agreement between user and company, any legal matter raised will be responsibility of channel partner only.
- Any complaint received from the beneficiary against the company regarding non-functioning of system (with or without subsidy) will be posted on Ministry's website till the time the problem get resolved.

Yours faithfully  
  
(Dr. G. Prasad)  
Scientist-F/Director  
Tele fax- 011-24361151

Copy to:  
1. JS (TK)  
2. PSO to Secretary, MNRE  
3. Concerned File



# 1) Stock & Sale model for KW system - Online/ DSA - CONT.



Under **Off Grid** solution we have also developed & launched our product named “**Bijlee Uttam Ghar**” & specifically for rural India for replacing need of power & fuel requirement. We are also offering Water Pumping Solutions as well.

## Some of the Products under Off Grid are as under :

1. Bijlee Uttam Ghar - 0.25 KW to 1.25 KW
2. Bijlee Paani (Water Pumping System) - 1 HP to 25 HP
3. Power Urban House - 2 KW to 10 KW



# OFFGRID INSTALLATION



# Catalogue – Bijlee Uttam Ghar



**BIJLEE Uttam Ghar**  
**आपका अपना सोलर पाँवर**

**चलो बढ़ाएँ कदम प्रगति की ओर  
सौर ऊर्जा पर चलाएँ अपना घर**

**यह इलेक्ट्रिक कुकर, फैन, पानीका पंप, लाईट तथा मोबाईल चार्जर इन सभी को चलाता है, और किफायती भी है**

**SPL**  
STERLING POWERGENSYS LTD.  
2/10 Meghal Industrial Estate, Devidayal Road, Mulund W, Mumbai 400 080 - INDIA  
Tel: 022 2540 5588 / 022 2591 4434 Email: mktg@splsolar.in  
To view entire product range from 2Kw - 1000Kw visit www.splsolar.in

**Toll Free: 1800-22-0561** [splsolar.in](http://splsolar.in)

SPL brings to you an autonomous energy unit, Bijlee Uttam Ghar a off grid photovoltaic plug n play model which is super convenient for various remote areas where conventional grid unit cannot be installed. The system offers you LED tube light, Permanent Magnet Fan for day and night time comfort. It also offer an infrared cook top and induction rice cooker as an alternative cooking solution with zero emission CO2 through efficient and pollution free method.

Bijlee Uttam Ghar is not only beneficial on your pocket, but also to the environment. Daily usage of natural resources like wood, coal etc for fuel, not only depletes it but also emits gases which are harmful for the body.

**Greener days in solar ways.**

**COMPONENTS**

Solar Panel	Inverter	Electronic Meter	Battery
Plug-in Socket with 3-core Cable	Earthing System	Enclosure	Mounting Structure

Standard 5 year warranty on all components with free replacement

**APPLIANCES**

LED Tube Lights	FAN
Infrared Cooktop	Rice Cooker

**Schematic Diagram for BIJLEE UTTAM GHAR 1250**

SPECIFICATIONS	SES-BUG-250	SES-BUG-750	SES-BUG-1250
<b>SOLAR PV PANEL</b> Number of 250 watt Solar Panel	1	3	5
<b>CHARGE CONTROLLER</b> Number of CC per model	1	3	5
<b>INVERTER</b> AC power @ 230C / 490C (VA)	350/250watt	800/650watt	1200/1000watt
<b>BATTERY</b> No of battery per model Volts Capacity @ C10 (Ah) Backup Power @ 50% DOD	2 12V 100 1200watt	2 12V 150 1800watt	2 12V 200 2400watt
<b>SYSTEM PROTECTION</b> DC Surge Earthing/Residual	✓	✓	✓
<b>STRUCTURE SPL</b> Roof Top/Inclined Roof/Ground Mount	✓	✓	✓
<b>ENERGY GENERATION</b> Per Day/Year Unit	1/365units	3/1095units	5/1825units
<b>APPLIANCES INCLUDED</b>	WATT QTY	WATT QTY	WATT QTY
LED Tube Lights	16 watt 2 Nos	16 watt 2 Nos	16 watt 2 Nos
FAN	32 watt 1 No	32 watt 1 No	32 watt 1 No
Rice Cooker	0.7kw 1 No	0.7kw 1 No	0.7kw 1 No
Infrared Cooktop	✓	✓	✓
Delivered Price (All inclusive)	₹ 59500/-	₹ 120000/-	₹ 165000/-
	* Installation Charges Rs. 2000 * Service charges / Visit fees Rs. 500 per		

**LOAD CHART Day Consumption (Tel +/- 20%)**

Appliance	Power (Watt)	Usage	SES-BUG-250	SES-BUG-750	SES-BUG-1250
FAN	32 watts	4 hr	✓	✓	✓
LED TV*	36 watts	3 hr	✓	✓	✓
Mobile Charger*	5 watts	2 hr	✓	✓	✓
Rice Cooker	0.7 kw	✓	30 min	30 min	30 min
Infrared Cooktop	1.0 kw	✓	40 min	1.5 hours	1.5 hours

**LOAD CHART Night Consumption (Tel +/- 20%)**

Appliance	Power (Watt)	Usage	SES-BUG-250	SES-BUG-750	SES-BUG-1250
LED Light	16 watts	2	6 hr	6 hr	6 hr
FAN	32 watts	6 hr	✓	✓	✓
LED TV*	36 watts	2 hr	✓	✓	✓
Rice Cooker	0.7 kw	✓	30 min	30 min	30 min
Infrared Cooktop	1.0 kw	✓	30 min	1.5 hours	1.5 hours

\* LED TV & Mobile Charger are not included in the given system  
The above load chart will give you complete utilization of your solar yield for daily lighting and cooking fuel solution.

# Catalogue – Bijlee Paani




**SPL™**

*Make Energy while the sun shines!*

**Bijlee-Paani™**

**Stand Alone - Solar AC 3ph. Power for new/existing AC Water Pumps for Irrigation & Building Overhead Water Tanks**



*Sterling for Efficient & Economical Solar PV power generation*

**SPL™** Our integrated system includes a Module Mounting 3wp of Structure which is made of all hot-dip galvanized steel sections with hot dip galvanization of above 80 microns, designed to withstand wind speed of 200 km/hr.

**SPL™** Our Stand Alone Bijlee-Paani Series is useful for water pumping as well as for other pre and post harvest agricultural activities. They come with additional suitable transformers to fulfil all the electrical needs.

**SPL™** The components of our designed integrated system for power generation using Solar PV for lifting water pumps on Stand-Alone basis, are certified by independent test houses with test certificates submitted to the End Users.

**SPL™** We also offer Stand Alone Systems to meet Specific Requirements of our customers, in addition to its use of water pumping.

**SPL™** We have trained and dedicated in-house technical support team. Our pre and on-site services provide the necessary on-field support to carry out the installation/commissioning. Our customers enjoy the service support throughout the life span of the systems.

Quality is our signature hence We offer 25 years of life Warranty on our Designed Integrated Solar system.

Our System Consist of 250 wp Polycrystalline Solar Panel and MPD Based Solar Inverter for Motor Application.


**vikram solar** **SOLOM** **HITACHI** Inspire the Next

www.splsolar.in **Go for Solar Power**

**SPL™**

**Products in this range** *Bijlee-Paani™*

MODEL	UNITS	SFS-WP-01	SFS-WP-02	SFS-WP-03
<b>SOLAR PV PANEL</b>				
Make	-	VIKRAM SOLAR, ELDORA 250 Wp, 60 CELL POLYCRYSTALLINE		
No of panels per system	Nos	4	8	12
Installed DC Power IP	Kw	1	2	3
Applicable Pump Capacity	HP	1	2	3
Warranted Life	Years		25	
IEC (Intelligent energy controller)				
Make, Model No.	-	MITRAMAX, LEECH		
IEC	Nos	4	8	12
<b>INVERTER</b>				
Make	-	HITACHI		
Model No.	-	WJ200-02HF, WJ200-01SHF, WJ200-02SHF		
Rated OP Voltage	V	3Phase Δ380 To 480 (Proportional to IP Voltage)		
AC Protection Including Dry Pump Run	-	Yes		
IP Protection	-	IP 54		
Guaranteed Life	Years	5		
Warranted Life	Years	25		
<b>SYSTEM PROTECTION</b>				
Control Panel Unit (Rittal Make)	Size (WxDxH)mm	500x500x300		
Installation	-	Outdoor (Mounted on the Pole)		
DC Protection	-	Yes		
Surge Protection	-	Yes		
Earthing	-	Yes		
IP Protection	-	OBO, IP 55		
System Schematic Diagram	-	Yes		
<b>STRUCTURE</b>				
Make	-	STERLING POWERGENSYS LTD		
Model	-	SFS-WPSP-01, SFS-WPSP-02, SFS-WPSP-03		
Material	-	MS Hot Rolled/Cold Formed Sections		
Seasonal Tilt North, South Orientation	-	Manual		
Single Axis Daily Tilt East, West Orientation	-	Manual/Auto		
Type of Installation	-	Single Pole Ground Mount		
Protection	-	Hot DIP Galvanized Above 80 Microns		
Wind Load Sustainability	Km/hr	200		
FEA Analysis	-	STAAD-PRO/Nastran		
Guaranteed Life	Years	25		
<b>SUPPLY PRICE</b>				
Total Delivered Price	Rs.	1,20,000/-	1,90,000/-	2,95,000/-
<b>SERVICES</b>				
Supervision Commissioning & Validation	Rs.	Free	Free	Free
<b>OPTIONAL SUPPLY ADDONS PRICE</b>				
Auto Tracking System	Rs.	₹	₹	₹
<b>OPTIONAL PAID SERVICES</b>				
Actual Erection And Services Annual Maintenance Contract	Rs.	₹	₹	₹
<b>ENERGY GENERATION</b>				
Average Expected Power Generation Per Annum	KWh/year	1550	3110	4700




SFS-WPSP-01    SFS-WPSP-02    SFS-WPSP-03

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**SPL™**

**Products in this range** *Bijlee-Paani™*

MODEL	UNITS	SFS-WP-05	SFS-WP-7.5	SFS-WP-10	SFS-WP-12.5
<b>SOLAR PV PANEL</b>					
Make	-	VIKRAM SOLAR, ELDORA 250 Wp, 60 CELL POLYCRYSTALLINE			
No of panels per system	Nos	20	30	40	60
Installed DC Power IP	Kw	5	7.5	10	12.5
Applicable Pump Capacity	HP	5	7.5	10	12.5
Warranted Life	Years		25		
IEC (Intelligent energy controller)					
Make, Model No.	-	MITRAMAX, LEECH			
IEC	Nos	N/A	6	N/A	N/A
<b>INVERTER</b>					
Make	-	HITACHI			
Model No.	-	WJ200-04HF, WJ200-05HF, WJ200-07SHF			
Rated OP Voltage	V	3Phase Δ380 To 480 (Proportional to IP Voltage)			
AC Protection Including Dry Pump Run	-	Yes			
IP Protection	-	IP 54			
Guaranteed Life	Years	5			
Warranted Life	Years	25			
<b>SYSTEM PROTECTION</b>					
Control Panel Unit (Rittal Make)	Size (WxDxH)mm	500x500x300			
Installation	-	Outdoor (Mounted on the Pole)			
DC Protection	-	Yes			
Surge Protection	-	Yes			
Earthing	-	OBO			
IP Protection	-	IP 55			
System Schematic Diagram	-	Yes			
<b>STRUCTURE</b>					
Make	-	STERLING POWERGENSYS LTD			
Model	-	SFS-WPMP-2.5X2, SFS-WPMP-2.5X3, SFS-WPMP-2.5X4, SFS-WPMP-2.5X5			
Material	-	MS Hot Rolled/Cold Formed Sections			
Seasonal Tilt North, South Orientation	-	Manual			
Single Axis Daily Tilt East, West Orientation	-	Manual/Auto			
Type of Installation	-	Multi Pole Ground Mount			
Protection	-	Hot DIP Galvanized Above 80 Microns			
Wind Load Sustainability	Km/hr	200			
FEA Analysis	-	STAAD-PRO/Nastran			
Guaranteed Life	Years	25			
<b>SUPPLY PRICE</b>					
Total Delivered Price	Rs.	3,57,000/-	4,80,000/-	6,60,000/-	7,85,000/-
<b>SERVICES</b>					
Supervision Commissioning & Validation	Rs.	Free	Free	Free	Free
<b>OPTIONAL SUPPLY ADDONS PRICE</b>					
Auto Tracking System	Rs.	₹	₹	₹	₹
<b>OPTIONAL PAID SERVICES</b>					
Actual Erection And Services Annual Maintenance Contract	Rs.	₹	₹	₹	₹
<b>ENERGY GENERATION</b>					
Average Expected Power Generation Per Annum	KWh/year	7,914	11,100	15,200	19,000




SFS-WPMP-2.5X2    SFS-WPMP-2.5X3    SFS-WPMP-2.5X4    SFS-WPMP-2.5X5

www.splsolar.in

**SPL™**

**Products in this range** *Bijlee-Paani™*

MODEL	UNITS	SFS-WP-15	SFS-WP-20	SFS-WP-25
<b>SOLAR PV PANEL</b>				
Make	-	VIKRAM SOLAR, ELDORA 250 Wp, 60 CELL POLYCRYSTALLINE		
No of panels per system	Nos	60	80	100
Installed DC Power IP	Kw	15	20	25
Applicable Pump Capacity	HP	15	20	25
Warranted Life	Years		25	
IEC (Intelligent energy controller)				
Make, Model No.	-	MITRAMAX, LEECH		
IEC	Nos	N/A	6	N/A
<b>INVERTER</b>				
Make	-	HITACHI		
Model No.	-	WJ200-11HF, SJ700-18HF, SJ700-22HF		
Rated OP Voltage	V	3Phase Δ380 To 480 (Proportional to IP Voltage)		
AC Protection Including Dry Pump Run	-	Yes		
IP Protection	-	IP 54		
Guaranteed Life	Years	5		
Warranted Life	Years	25		
<b>SYSTEM PROTECTION</b>				
Control Panel Unit (Rittal Make)	Size (WxDxH)mm	600x760x350		
Installation	-	Outdoor (Mounted on the Pole)		
DC Protection	-	Yes		
Surge Protection	-	Yes		
Earthing	-	OBO		
IP Protection	-	IP 55		
System Schematic Diagram	-	Yes		
<b>STRUCTURE</b>				
Make	-	STERLING POWERGENSYS LTD		
Model	-	SFS-WPMP-2.5X6, SFS-WPMP-2.5X8, SFS-WPMP-2.5X10		
Material	-	MS Hot Rolled/Cold Formed Sections		
Seasonal Tilt North, South Orientation	-	Manual		
Single Axis Daily Tilt East, West Orientation	-	Manual/Auto		
Type of Installation	-	Multi Pole Ground Mount		
Protection	-	Hot DIP Galvanized Above 80 Microns		
Wind Load Sustainability	Km/hr	200		
FEA Analysis	-	STAAD-PRO/Nastran		
Guaranteed Life	Years	25		
<b>SUPPLY PRICE</b>				
Total Delivered Price	Rs.	9,00,000/-	12,06,000/-	14,50,000/-
<b>SERVICES</b>				
Supervision Commissioning & Validation	Rs.	Free	Free	Free
<b>OPTIONAL SUPPLY ADDONS PRICE</b>				
Auto Tracking System	Rs.	₹	₹	₹
<b>OPTIONAL PAID SERVICES</b>				
Actual Erection And Services Annual Maintenance Contract	Rs.	₹	₹	₹
<b>ENERGY GENERATION</b>				
Average Expected Power Generation Per Annum	KWh/year	24,000	31,000	39,000



SFS-WPMP-2.5X6    SFS-WPMP-2.5X8    SFS-WPMP-2.5X10

www.splsolar.in

## 2. EPC OF SOLAR POWER PLANT:



Our company philosophy is to provide a holistic solution to the needs of it's Client's on an EPC (Engineering Procurement and Construction) basis and for this purpose:

- We provide our services right from the concept stage of a project, by interacting with Customers and understanding their need.
- We then design an optimal tailor made solution to match their need.
- We further blend international sourcing of equipment and technology with our own inherent manufacturing abilities, coupled with the strength of our understanding, and the experience in the sector
- We integrate the entire system, supply, install and commission the project in a time bound schedule.



## 2. EPC OF SOLAR POWER PLANT – Contd.



We have been approved as Facilitator & integrator for Solar Power Plants by BESCO.


 Bangalore Electricity Supply Company 
ಕನ್ನಡ English

**BESCOM**  
 (Government of Karnataka Undertakings)
 Helpline: 1912
SMS: 58888

[Home](#)

- About Us
- Vision & Mission

BESCOM > LIST OF EMPANELLED FACILITATORS

### LIST OF EMPANELLED FACILITATORS

SL.NO	NAME OF THE FACILITATOR	DETAILS
1	MITCON CONSULTANCY SERVICES LTD (MITCON)	CLICK HERE
2	GENUS INNOVATION Ltd	CLICK HERE
3	GREEN FUEL SUPPLIES Pvt, Ltd	CLICK HERE
4	ADITI SOLAR PRIVATE LIMITED	CLICK HERE
5	ANU SOLAR PRIVATE LIMITED	CLICK HERE
6	M/s. ORB ENERGY PRIVATE LIMITED	CLICK HERE
7	M /s. STERLING POWERGENSYS PRIVATE LIMITED	CLICK HERE

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 Total Views **011901577**



## PARTIAL LIST OF CUSTOMERS



### SOLAR POWERPLANT – ON EPC BASIS (MMS) ON GRID

Sr. No.	Name of Customers	Capacity
1	Refex Energy Pvt. Ltd.	1.26 MWe
2	Larsen & Toubro Ltd. (Work order only)	5.00 MWe
3	Sun Edision Emergy (India) Pvt. Ltd.	1.26 MWe
4	Concom Renewal Energies (India) Pvt. Ltd.	15.00 MWe
5	Zamil New Delhi Infrastructure Pvt. Ltd.	5.20 MWe
6	Titan Energy Systems Ltd.	1.00 MWe
7	Enrich Energy Pvt. Ltd.	1.00 MWe
8	Prithvi Information Solutions Ltd.	10.00 MWe
9	Alfa Infraprop Pvt. Ltd.	11.52 MWe
10	Porwal Auto Components Ltd.	1.86 MWe
11	Rishabh Solar Pvt. Ltd.	0.64 MWe
12	Chandram Solar Power Pvt. Ltd.	1.10 MWe



## PARTIAL LIST OF CUSTOMERS



### SOLAR POWERPLANT – ON EPC BASIS (MMS) OFF GRID

Sr. No.	Name of Customers	Capacity
1	Mahindra EPC Service Pvt. Ltd.	3 KWe
2	Mahindra EPC Service Pvt. Ltd.	130 KWe
3	Light House Ministries (India), Badlapur	2.3 KWe
4	Quanta Power Solutions India Pvt. Ltd.	40 KWe
5	Diety Fuel Energy Pvt. Ltd.	20 KWe
6	Gensol Engineering Pvt. Ltd.	800 KWe
7	Brilliant Energy Pvt. Ltd.	5 KW
8	Twin City Sunlife Pvt. Ltd.	6.5 KWe & 12 KW



## Solar Power Plants

Sr. No.	Name of Customers	Capacity
1	Brilliant Energy Pvt. Ltd.	5 KW DC
2	Aapulki Special (M.R.) School & Hostel	1.5 KW DC
3	Prabhakar Raghunath Kachare , ( Bijlee Uttam Ghar)	0.25 KW DC
4	Sterling Powergensys Ltd.	9 KW DC
5	Mr. G. V. Kamath	2 KW DC
6	Chalet Hotels Pvt. Ltd. (JW Marriott Hotel)	45 KW DC
7	Deep Seals (India) Ltd.	3 KW DC
8	Pradip Jagannath Ghawalkar	1 KW DC
9	D N Ghawalkar	2 KW DC
10	Energetice Consulting Pvt. Ltd.	1 KW DC
11	Bapugaon Ashram Shala	15 KW DC
12	Sandhya R Singh	1.5 KW DC
13	Sydney LOBO	3.75 KW DC
14	Padmaja Sanjay Panwal	2.5 KW DC
15	Rudrappa A	1000 KW DC
16	Bhanu Kumar Gupta	1.5 KW DC
17	Amrapali English Medical High School	2.5 KW DC
18	Dhanvantary Medical Foundation	15 KW DC
19	Agnel Charities	100 KW DC
20	C R Sujatha	1000 KW DC
21	T V Ramesh Kumar	1000 KW DC
22	Aadyaarush Power Projects Pvt. Ltd	2100 KW DC
23	Aadhavan Green Energy Solutions	1000 KW DC
24	Aadhavan Green Energy Solutions	2000 KW DC
25	AKSPL Powergensys Pvt. Ltd.	3200 KW DC



## 2. EPC OF SOLAR POWER PLANT – Contd.



### Our EPC Project under execution at the moment

Name	Capacity	Location
C R Sujatha	1000 KW DC	BANGLOARE
T V Ramesh Kumar	1000 KW DC	BANGLOARE
Aadyaarush Power Projects Pvt. Ltd	2100 KW DC	DAVANEGERE, KARNATAKA
Aadhavan Green Energy Solutions	1000 KW DC	TRICHY
Aadhavan Green Energy Solutions	2000 KW DC	TRICHY
AKSPL Powegensys Pvt. Ltd.	3200 KW DC	CHITRADURGA



# EPC Installations



# Global Trade Business Vertical - III



SPL has entered international trade @ commodities like Sugar, Rice, Wheat, Animal Feed ,Spices, vegetable oils etc. through its overseas Branch Offices at Sao Paulo in Brazil and SAIF (Sharjah Airport International Free Zone) U.A.E.



# Contd.



SPL have been obtained Import Export Code from Ministry of Commerce & Industry - Director General of Foreign Trade, Registration Cum Membership Certificate from APEDA & License from Food Safety & Standards Authority of India for their Global Trade Business

<p>Government of India / भारत सरकार          Ministry of Commerce and Industry / वाणिज्य और उद्योग मंत्रालय          Directorate General of Foreign Trade / विदेश व्यापार महानिदेशालय          Office of the Additional Director General of Foreign Trade, Mumbai          CGO Office, New Building, SE wing, New Marine Lines, Churchgate, MUMBAI, MAHARASHTRA,          400020 / सीजीओ कार्यालय, न्यू बिल्डिंग, एस्टर्न लिम, न्यू मरीन लाइन्स, चर्चगेट, मुंबई, महाराष्ट्र, 400020</p>	
<p><b>Importer-Exporter Code</b></p> <p>This is to certify that <b>STERLING POWERGENSYS LIMITED</b> is issued an Importer-Exporter Code (IEC) <b>0393065073</b> with details as follows -</p>	
IEC	0393065073
रसाई खाता सं./पैन	AADCS9092E
फर्म का नाम/Firm Name	STERLING POWERGENSYS LIMITED
निगम की प्रकृति /Nature of Concern	Public Limited
जारी करने की तारीख/Date of Issue	27/09/1993
पता/Registered Address	A-8/4, M.L.D.C., MURBAD, THANE, THANE, MAHARASHTRA, 421401
धारक का नाम / Name of the Signatory	Sankaran Venkata Subramanian
Director / Partner Details	Refer online at <a href="https://dgtf.gov.in">https://dgtf.gov.in</a> or scan the QR Code
शाखा/दुकान /Branch Details	Refer online at <a href="https://dgtf.gov.in">https://dgtf.gov.in</a> or scan the QR Code
<p>Last Modified : 27/05/2023          File Number : MUMIECPAMEND00015028AM24</p>	
<p>Note : This is a system-generated certificate. Authenticity / Updated details of the IEC can be checked at official DGTFT website <a href="https://dgtf.gov.in">https://dgtf.gov.in</a> by entering the IEC and Firm Name under Services &gt; View Any IEC Details. You can also authenticate the certificate by scanning the QR code.</p>	

**कृषि और प्रसंस्कृत खाद्य उत्पाद निर्यात विकास प्राधिकरण**  
**AGRICULTURAL AND PROCESSED FOOD PRODUCTS EXPORT DEVELOPMENT AUTHORITY**  
**(वाणिज्य एवं उद्योग मंत्रालय, भारत सरकार)**  
**(Ministry of Commerce and Industry, Govt. of India)**  
**पंजीकरण-सह-सदस्यता प्रमाण-पत्र**  
**REGISTRATION-CUM-MEMBERSHIP CERTIFICATE**

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मे / Ms. **STERLING POWERGENSYS LIMITED**  
**A-8/4, M.L.D.C., MURBAD**  
**THANE**  
**Maharashtra**  
**421401**

यह प्रमाणिक किया जाता है कि यह निम्नलिखित विवरणों के साथ कृषि और प्रसंस्कृत खाद्य उत्पाद निर्यात विकास प्राधिकरण में पंजीकृत है।  
 This is to certify that the firm is registered with the Agricultural And Processed Food Products Export Development Authority, as per the following particulars :

- उत्पाद विवरणों के लिए पंजीकृत है (उत्पादों का विवरण पीछे दिया गया है)/Product for which registered (Products details given overleaf):  
**0102,0103,0203,0206,0301,0304,0503,0507,0601,0602,0603,0604,**
- आई.ई. कोड / IEC CODE: **0393065073**
- स्थापना तिथि / Date of establishment: **10/22/1984 12:00:00 AM**
- पंजीकरण संख्या / Registration No.: **225740**
- उत्पादक निम्नलिखित/व्यापारी निम्नलिखित / Manufacturer Exporter /Merchant Exporter: **Merchant**
- मालिक/प्राधिकृत निदेशकों के नाम / Names of Proprietor/Partner (s)/Director(s): **SANKARAN VENKATA SUBRAMANIAN, HARISHCHANDRA NAUKUDKAR, YASH SANGHVI, YAR RAJLAXMI, SHANKAR IYER**

यह प्रमाण-पत्र एपीडा अधिनियम 1985 (1986 का अधिनियम संश्लेषक 2) में निर्धारित शर्तों के अधीन जारी किया गया है।  
 This certificate is issued subject to the conditions laid down in APEDA ACT 1985 (No. 2 of 1986) of this Authority.

प्रमाण-पत्र मान्यता तिथि / This certificate is valid till - **11/04/2028**  
 पंजीकरण की तिथि / Date of Registration : **12/04/2023**

यह आर.सी.एम.सी. इलेक्ट्रॉनिक रूप से जनरेट किया गया है।  
 This RCMC is electronically generated

यहाँ एवं निम्नलिखित आगे सूत्र पर  
 Terms & Conditions are mentioned on the next page.

पंजीकृत प्राधिकारिकारी के हस्ताक्षर  
 Signature of Registering Authority  
  
**Signature Not Verified**  
 Digitally signed by **LC HAKARE**  
**NAGPAL, CHIRVU, PFAO**  
 Date: 2023.04.12 09:28:53 IST  
 Reason: RCMC Certificate

**Form C**  
**Government of India**  
**Food Safety and Standards Authority of India**  
**License under FSS Act, 2006**

सत्यमेव जयते

अनुमति संख्या / License Number: **11523998000767**

- Name & Registered Office address of Licensee / अनुमतिधारक के पंजीकृत कार्यालय का नाम और पता: **STERLING POWERGENSYS LIMITED**  
**Office No 121,Runwal Commercial Complex,Near Santoshmata Mandir,LBS Marg,Mulund(W), Mumbai, Greater Mumbai, Maharashtra-400080**
- Address of Authorized Premises / प्राधिकृत परिसर का पता: **Office No 121,Runwal Commercial Complex,Near Santoshmata Mandir,LBS Marg,Mulund(W), Mumbai, Greater Mumbai Ward-T, Greater Mumbai, Maharashtra-400080**
- Kind of Business / कारोबार का प्रकार: **Trade/Retail - Importer**  
**Trade/Retail - Trader/Merchant - Exporter**
- Dairy Business Details / डेयरी कारोबार विवरण: **No**
- Category of License / अनुमति का वर्ग: **Central License**

This license is granted under and is subject to the provisions of FSS Act, 2006 all of which must be complied with by the licensee. / यह अनुमति प्राप्त करने और इसके अधिनियम, 2006 के अधीन अनुमति की गई है और यह अधिनियम के उपरोक्त के अधीन है किता अनुमतिद्वारा द्वारा प्राप्त किया जाना चाहिए।

Place / स्थान: **FSSAI Mumbai**      Designated Officer

Issued On / दिनांक: **15-08-2023 (Modified License)**      Date: **15-08-2023 14:14:35**

Valid Upto / वैधता: **11-06-2024 (For details, refer Annexure)**      User Id : **108742**

Verified through mobile: **77XXXXXX00**

License Issued On : **15-08-2023 14:14:35**





1	Ernst & Young Parthenon
2	IBI Chematur Engineering and Consultancy Ltd.
3	SUNGROW Hydrogen
4	Livint Technologies Pvt. Ltd.



## LOCATION OF PROJECT & OFFICES:

REGISTERED OFFICE:	Office No. 816, 8 <sup>th</sup> Floor, Rajhans Helix 3 (Shreyas Cinema), Sanghani Estate, L.B.S. Marg, Ghatkopar (West), Mumbai - 400 086, Maharashtra , India.
PROJECT & WORKS :	At: Poladpur, District: Raigad, PIN:402303, Maharashtra , India.
BRANCH OFFICES :	Sao Paulo – Brazil & SAIF (Sharjah Airport International Free Zone) – U.A.E.



# Thank you



Contact information



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