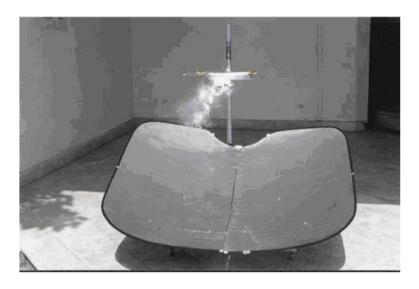
Parabolic Concentrator Type Solar Cooker by PCRET, Pakistan



Features:

- Reflecting surface is made of anodized Aluminum sheet having a reflectivity of over 75%.
- Operating Temperatures 300°C to 400°C
- Cooking Time 9:00 AM 3:00 PM
- Manual tracking and adjustment needed in 15minutes intervals.
- Cooker with 40% thermal efficiency can meet the needs of about 15 people.
- Can be easily dismantled and assembled and therefore can be transported anywhere in the country.
- Cooker can save up to 10 LPG cylinders a year on full use in small establishments.
- The metallic structure, reflecting sheet may have to be replaced once in two years.
- Weight 15kg approx.
- Totally safe
- No danger of fire

Source:

Pakistan Council of Renewable Energy Technologies Plot No. 25, Sector H-9, Islamabad

Ph: (051) 9258228, Fax: (051) 9258229 E-mail: shamsi@isb.comsats.net.pk

SOLAR COOKER (BOX TYPE) by PCRET, Pakistan





Box-type solar cooker consists of an insulated box, metallic cooking tray sat inside the box, double glass lid on the cooking tray, and a reflecting mirror fitted on the underside of the lid of the box. The cooking tray is insulated on the sides and bottom. The incoming solar radiation falls onto the double glass lid and passes through it to strike the blackened cooking pots and the cooking tray. The heat is absorbed by the blackened surface and gets transferred to the food inside the pots to facilitate cooking. The mirror reflector is set in such a way to reflect the solar radiation falling on it to the cooker box. Up to four black painted vessels are placed inside the box. The cooker takes 1½ to 2 hours to cook items such as rice, lentils and vegetables. The cooker may also be used to prepare simple cakes, roast cashew nuts, dry grapes, etc. It is an ideal device for domestic cooking during most of the year, except for the monsoon season and cloudy days. It, however cannot be used for frying or chapatti making

- Cost of the solar cooker gets recovered easily through savings on conventional fuel in few years.
- Regular use of a box type solar cooker may save 3-4 LPG cylinders per year.
- It saves time, as the cook need not be present during cooking in a solar cooker.
- There is no fear of scorching the food.
- It provides better and more nutritious food due to slow cooking.
- It is durable and simple to operate.
- It does not pollute the environment and conserves conventional energy.
- It is an asset to the household and a pride to its owner
- Temperature varies from 100 150 C.
- Cooking Time vary from 10.00 A.M 3:00 P.M
- Application baked and cooks rice, Vegetables, pulses, meat, cakes etc
- Weight about 14 to 15 kg.

Source:

Pakistan Council of Renewable Energy Technologies Plot No. 25, Sector H-9, Islamabad Ph: (051) 9258228, Fax: (051) 9258229

E-mail: shamsi@isb.comsats.net.pk

SOLAR STILL by PCRET, Pakistan





People living in remote area have no access to clean drinking water. Often water sources are brackish (i.e. contain dissolved salts) and/or contain harmful bacteria, and therefore cannot be used for drinking. In addition, there are many coastal locations where seawater is abundant but potable water is not available these causes' serious stomach diseases. Solar Stills are economical way for removal of dissolved salts from water. Pakistan Council of Renewable Energy Technologies is the only institution in Pakistan that is doing research and development in field of solar and other renewable energy sources.

Features

- Temperature Above 65° c to 70° c
- Cooking Time 9:00 AM 3:00 PM
- Water purification 5 liters
- Production rate Average 5 liters /per day per square meter

Source:

Pakistan Council of Renewable Energy Technologies

Plot No. 25, Sector H-9, Islamabad Ph: (051) 9258228, Fax: (051) 9258229

E-mail: shamsi@isb.comsats.net.pk

SOLAR WATER HEATER by PCRET, Pakistan





Features

Flat collector consists of a thin absorber sheet (usually copper, G.I to which a black or selective coating is applied) backed by a grid or coil of fluid tubing and placed in an insulated casing with a glass cover. Fluid is circulated through the tubing to remove the heat from the absorber and transport it to an insulated water tank heat exchanger or to some other device for using the heated fluid.

Temperature Above 65 c to 70 c Storage Tank 100,120, 180 litres per day

Type of collector	Temp. range (°C)
uncovered absorber	up to 40
flat-plate	20 - 80
evacuated-plate	20 -120
evacuated-tube	50 - 120
reservoir collector	20 - 70
air collector	20 - 50

Source:

Pakistan Council of Renewable Energy Technologies

Plot No. 25, Sector H-9, Islamabad Ph: (051) 9258228, Fax: (051) 9258229

E-mail: shamsi@isb.comsats.net.pk

EVACUATED TYPE SOLAR WATER HEATERS by PCRET, Pakistan





Features

Evacuated tubes and heat pipes solar water heaters are new development in Solar Water Heater Technology. These systems are becoming popular due to better performance and low maintenance. Chinese's Evacuated tubes and heat pipes solar water heaters have been commercially available for quite some time. We can save fuel, gas, and money by using solar water heater, low cost, durable and efficient solar water heater also available in 100 liters capacity.

Temperature Above 80° c to 100° c Storage Tank 100, 160, 180,200, 240 litres per day

Source:

Pakistan Council of Renewable Energy Technologies

Plot No. 25, Sector H-9, Islamabad Ph: (051) 9258228, Fax: (051) 9258229 E-mail: shamsi@isb.comsats.net.pk

SOLAR DRYER by PCRET, Pakistan





Basic Principle

A solar food dryer consists of a flat box (frame) placed at an angle, with an open bottom and top, so that the air can circulate. Corrugated metal sheet, painted black, is placed on the bottom of the box. The black color absorbs the sun rays and heats the air above. The frame is covered with glass, transparent plastic foil or a plain garden plastic. The warm air reaches 40 - 50°C, rises and leaves the heating box through the top opening and flows through the drying chamber with the drying screens. Cool environment air is sucked off through the bottom opening.

The dryer's angle must be adapted to the respective geographical latitude: In Pakistan steeper (35-45°). With a flat angle, air circulation can be improved by adding a chimney. The solar dryer only works with direct solar radiation and works best during dry periods when there is little humidity in the air.

What can be dried?

The solar dryer is suitable for tomatoes, bananas, mangos, apples, plums, tea, fish etc.

How to dry?

Food to be dried is cut in halves or slices or shredded and placed on the screens. Fruit should not be too ripe and juicy to avoid dripping.

Drying time

The length of time with any drying procedure depends on the water content of the food, the temperature and the humidity in the air. Tomatoes and fruit may take several days to dry. The interruption of the drying process at night is an advantage because fast drying produces crusts that obstruct a further withdrawal of water. Any crusts are therefore soaked during the night and the next day the drying process can go on unhindered.

Cover

Food should not be exposed directly to the sun because it changes its colours. Therefore, the top drying screen should be covered with an empty screen or a lid with holes, keeping off flies at the same time.

Position of the dryer

It is not necessary to direct the solar dryer in the course of the day to the changing position of the sun. It is good enough to place it according to the highest position of the sun at midday.

Source:

Pakistan Council of Renewable Energy Technologies

Plot No. 25, Sector H-9, Islamabad Ph: (051) 9258228, Fax: (051) 9258229 E-mail: shamsi@isb.comsats.net.pk

SOLAR Water Heater by SAPPHIRE RENEWABLE SOLUTIONS (PVT) LTD



Detailed Product Description

Sapphire Solar Water Heaters are assembled from the best imported components. Thanks to high tech vacuum tube technology which converts 98% of infra red rays of solar spectrum into heat energy, due to which we get hot water. The heating process takes place in a collector, after which the hot water is stored in a well insulated water tank. It consists of following main parts:

- 1) Solar collector, either flat plate or evacuated collectors
- 2) Insolated Water Tank
- 3) Stand bye Electric Back up (Optional)
- 4) Thermostat & automatic control (Optional)

Capacity: The actual capacity of solar water heater depends on number of persons living in a home & utilization of hot water. In Pakistan an average adult uses about 35Lt of warm water.

SPACIFICATION OF SAPPHIRE EVACUATED TUBE SOLAR WATER HEATER

- 1) INNER TANK: 0.4mm SUS 2B stainless steel
- 2) OUTER WATER TANK: Rust Free Color steel (PVDF)
- 3) INSULATION: Polyurethane foam (thinkess: 55mm)
- 4) EVACUATED TUBE: High-quality borosilicate glass
- 5) BRACKETS: Imported zinc-coated steel with spraying (thickness:1.2mm)
- 6) REFLECTING ANGLE: 38 45 degrees
- 7) TEMPERATURE (SUNNY DAY): 40-96 ◆C/day

Company Name: SAPPHIRE RENEWABLE SOLUTIONS (PVT) LTD

Street Address: 7-A-K Main Boulevard Gulberg 2

City: Lahore
Province/State: Punjab
Country/Region: Pakistan
Zip: 54000

Telephone: 92-42-5750410

Fax: 92

Website: http://www.srs.com

SOLAR Water Heaters by Haroon Brothers





Detailed Product Description

- Vacuum tube type Solar Water Heaters.
- Installed more then 600 units in Pakistan

Model	Tubes No.	Tubes Specification	Tank Capacity	Sunlight Area	Area Utilize	
		(mm) (liter)		(m2)	(mm)	
JA-I	15	Ø47x1500	100	1.5	1380x1290x1330	
	24	Ø47x1500	200	2.43	1380x1965x1330	
JA-II	15	Ø58x1700	100	1.95	1650x1460x1440	
	24	Ø58x1700	300	3.14	1650x2225x1440	
ZB-100-8	8	Ø70x2000	100	1.41	1825x1356x1710	
ZB-145-12	12	Ø70x2000	145 2.21 1825x1650x17		1825x1650x1710	

Company Name: Haroon Brothers

Street Address: 204-Soofi Chambers Link Mcleod Road

City: Lahore Province/State: Punjab Country/Region: Pakistan Zip: 546000

Telephone: 92-42-7238421 Mobile Phone: 03004845001 Fax: 92-42-7230865

Solar Water Heater Domestic by SolarAsia



Company Name: SolarAsia

Street Address: 22 Sabina Town

City: Faisalabad

Province/State: Pb

Country/Region: Pakistan

Zip: 37610

Telephone: 92-300-8650465

Solar Water Heater Domestic by FLURO GROUP



Products Details:

Place of Origin : Pakistan
Brand Name : Fluro Energy
Model Number : DZ-180

Payment & Slipping Terms:

Minimum Order Quantity: 23 Pieces/ Piece

Delivery time : 15 days
Payment Terms : LC, TT
Supply Ability : 500 pieces per

month

Detailed Product Description:

• Outer tank diameter : 460mm

• Outer tank material : Galvanized steel with paint/0.4mm thickness

• Inner tank diameter : 360mm/Argon Arc Welding

Inner tank material & thickness : SUS304~2B/(0.4mm)
 Support Stand : Galvanized Steel

• Insulation : 50mm high dense polyurethane foam

• Interval : 8mm

Supplier/Manufacturer:

Company Name: FLURO GROUP

Street Address: C-49 Sector 35A Korangi Industrial Area

City: Karachi
Province/State: Sindh
Country/Region: Pakistan
Zip: 74900

Telephone:92-0300-2356414Mobile Phone:923002356414Fax:92-021-5069065

Website: http://www.flurochem.com

Solar Water Heater by Solarazia Systems



Contact:

Company Name: Solarazia Systems

Street Address: 5th Floor, Pardesi House. 2 / 1 R. Y. 16, Old Queens Road

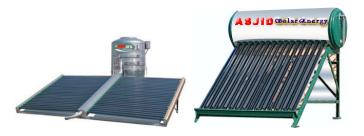
City: Karachi
Province/State: Sindh
Country/Region: Pakistan
74000

Telephone: 92-21-2432880 **Mobile Phone:** 0092-300-8262919 **Fax:** 92-21-2430452

Solar Water Heater by Asjid Energy Systems







Style: ASJID-ATZ-15 Features:

Stainless steel Galvanized Tank 15 Evacuated Glass Rods 1.5x1.5x1.5 Meter in size Water Temperature 40~100 Deg C Provided with Natural Gas Backup Excellent Performance round the year Three year International Warranty Full after Sale and Service

Style: ASJID-ATZ-50 Features:

Thermosyhon Type Stainless steel Galvanized Tank 36 Evacuated Glass Rods 6.0x2.5x3.0 Meter in size Water Temperature 40~100 Deg C Provided with Natural Gas Backup Excellent Performance round the year Three year International Warranty Full after Sale and Service

Style: ASJID-ATZ-12 Features:

Stainless steel Galvanized Tank 12 Evacuated Glass Rods 1.0x1.2x1.2 Meter in size Water Temperature 40~100 Deg C Provided with Natural Gas Backup Excellent Performance round the year Three year International Warranty Full after Sale and Service

ASJID SOLAR CENTERAL HEATING SYSTEM









Style: ASJID - RR - 001

Style: ASJID - RR - 002

Style: ASJID - RR - 003

Contact:

Asjid Energy System 6 Fazla-E-Qadir Road Sialkot Cantt **Pakistan**

Tel: +92-52-4600001-7 Lines

Fax: +92-52-4600008 Cell: +92-300-8615587

Email: info@asjidenergysystems.com Web: http://www.asjidenergysystems.com

Solar Water Heaters by 'The SOLAR Energy'



Description:

Solar water heaters rely on the natural circulation of water between the collector and the tank or heater exchanger. As water in the vacuum tube is heated it rise naturally into the tank, while cooler water in the tank flows down the bottom of the vacuum tubes, causing circulation throughout the system.

Sizes of vacuum tubes	47mm x 1500mm x 1.5m
Capacity	100 liters minimum
Outer Tank	Stainless Steel 304
Inner Tank	Stainless Steel 304
In solution	55mm
Frame of Unit	Stainless Steel 304
Quantity Vacuum Tube	15 Working + 1 extra
Heat Preservation	48 to 72 Hours
Reflector	45 Angle
10. Start up Temperature	<= 25 C
11. Resist Wind	30 m/s
Warranty	10 years system-2 years tubes
Life of System	About 25 Years.

Note: other capacity sizes are also available

Contact:

The Solar Energy

A-1530 Phase 1 Alfalah Town Lahore Cantt Pakistan.

Ph: +92-42-5086233, Fax:+92-42-5733055

E-mail: <u>info@solarenrgy.com.pk</u> www.solarenergy.com.pk

Marketing Manager Muhammad Irfan Baig Ph: +92-42-5086233 Cell: +92-321-8470981

E-Mail: irfan@solarenergy.com.pk

Solar Energy Technologies in Pakistan by 'The SOLAR Energy' Solar Water Heaters by 'Clean Power'

Solar Water Heaters

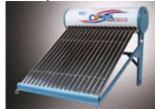
Components:

- 1. Inner Tank
- 2. Outer Shell
- 3. Vacuum Tube
- 4. Support Frame

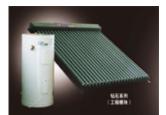
Features:

- Option of integration with Gas Water Geyzer to form Solar-Gas Hybrid.
- Option of Solar-Electric Hybrid with electronic controller for electric supply.
- Automatic Water feed control with auxiliary tank.
- Steel frame with 350 or 450 angle.
- Protective corrosion resistant shell.

• Heat insulation layer.



Direct Plug Series



Separated Series

Technical Specifications

Options	Vacuum tube size mm	Tank volume L	Hot water yield kg/h	Water temperature	Bathing number Time/H
1	1500×47	110	60-200	45-95	2-6
2	1500×47	130	80-250	45-95	3-8
3	1500×47	146	90-280	45-95	3-9
4	1500×47	175	110-350	45-95	4-11
5	1500×47	220	140-440	45-95	5-14
6	1800×58	168	120-300	45-95	4-8
7	1800×58	189	130-350	45-95	4-9
8	1800×58	210	160-450	45-95	5-11
9	1800×58	252	200-500	45-95	6-14
10	1800×58	310	260-580	45-95	6-18

Contact:

Clean Power (Pvt.) Ltd 216, Street 74, I-8/3, Islamabad, Pakistan. Off: +92 51 4102271-3, Fax: +92 51 4102274

www.cleanpower.com.pk

Solar Energy Technologies in Pakistan by 'SOLAR GEYZER'

Solar Water Heaters by 'Solar Geyser'



Thermosyphon - Evacuated Glass Tubes Solar Water Heater

Model No. : SG - 5
Product Origin: Pakistan
Brand Name : Solar Geyser
Certification : PCRET - SGTC

Detailed Product Description

Quantity of Evacuated Glass Tubes : 15
Diameter of Evacuated Glass Tubes : 47mm
Length of Evacuated Glass Tubes : 1.5m
Tank & Evacuated Glass Tubes Capacity : 135L
Polyurethane Insulation Layer Thickness : 60mm

Inner Tank Material : SUS 304-2B Food Grade Quality Structure : Powder coated colour Steel

Packing : Standard Packing

Contact:

Solar Geyser, Jamil Plaza, G-10/Markaz, Islamabad 44000 Pakistan info@solar-geyser.com

Tel: + 92 51 2292 835 Tel: + 92 51 2210 753 Tel: + 92 51 2210 897 Fax: + 92 51 2819 044 www.solar-geyzer.com

Solar Energy Technology Providers in Pakistan



Sharif International Group

The Sharif Group comprises of different companies having active interests in Energy Conservation, Alternate & Renewable Energy Resources. We provide the best and affordable solar energy solutions for aviation, transit, road, marine applications, industrial (oil and gas, telecommunication), commercial, government, military, rural development, residential. We also provide Instant Power System (IPS) for any application and location. Solar Powered Street Lights offer value for money and cost effective instant lighting solutions for commercial quality lighting systems, residential streets, parking lots and security lighting using high quality components.

- **Business type:** manufacturer, retail sales, wholesale supplier, exporter
- **Product types:** backup power systems, batteries lead acid sealed AGM, remote home power systems, solar charge controllers, solar electric power systems, solar garden lights, Solar water heating systems, solar charge contollers, solar air port and helipad lights, solar billboard blights, soilar inflourscent lights, solar water pumping systems, Solar telecommunication power systems, .
- Service types: design, installation, project development services, research services
- Address: Suite # 1 1st floor Asghar Plaza Imran Khan Avenue Chaklala Scheme III, Rawalpindi, Punjab Pakistan 46000
- Telephone: +92 51 5766 380
 FAX: +92 51 5598 354
- Web Site: http://www.sharifinternational.net
 E-mail: Send Email to Sharif International Group



We are part of renowned SAPPHIRE Group of companies. The group employs 14000 dedicated work force and operating more than 18 textile and other units in Pakistan. SRS is working to conserve energy in industrial & commercial sector & at the same time providing solutions to generate power through renewable resources wherever possible. We have collaboration & joint ventures with renowned foreign groups such as Cute Corporation of Taiwan & Joliet of Spain. We are offering LED Tube Lights as replacement of existing tube lights & SRS Durable Induction Lamps as replacement of Mercury & Sodium bulbs. These lights can cut down 70% of lighting load. Similarly our VSD & other inverters are saving 20~25% on Compressors & other motors. On solar energy si...

- **Business type:** manufacturer, wholesale supplier, exporter, importer
- **Product types:** solar water heating systems, solar lighting systems, air cooling systems, solar water pumping systems, wind energy systems (small), cathodic protection systems, VSD Drives, Grid Tie Inverters, H Class Winding wires, Solar Garden Lights, Solar Street Lights, LED Tube Lights, Durable Induction Lamps.
- Service types: consulting, installation, site survey and assessment services
- Address: 7 A-K, Main Boulevard, Gulberg II, Lahore, Punjab Pakistan 0054
- **Telephone:** 009242111000100

• **FAX:** 0092425758783

• Web Site: http://www.srs.com.pk

• **E-mail:** Send Email to Sapphire Renewable Solutions (Pvt) Ltd.



We represent Tata BP Solar in Pakistan. The biggest Solar Products company in this part of the world with Annual sales of over US\$160 million. Please visit their website for further detail information on the products and services we can offer.

• **Business type:** wholesale supplier, importer

• **Product types:** solar water heating systems, photovoltaic cells, photovoltaic systems, photovoltaic modules, solar electric power systems, Complete range of PV systems and Solar Thermal products.

• **Service types:** Design, Installation, Commissioning and aftersales service of BP Solar products only.

Address: 2nd Floor, PCC House, BC-12, Block-5, Clifton, Kehkashan, Karachi, Sind Pakistan 75600

• **Telephone:** 923212425350

• **FAX:** 92215870669

Web Site: http://www.nascomsolar.com
 E-mail: Send Email to NASCOM



Power Tech International Group

We are importer and stockist of power backup solutions same like UPS AVR Solar energy Generators and Testing Equipment from last 9 Year working from Europ USA Thailand China & Korea If you need any technical assitance please dont hasitat to contact us Best Regard Adil Gaffar Sales & Marketing Karachi Office Phone 2414455 Fax. No. 2420682 Lahore Office Phone . 6313388 Fax. No. 6360198 Multan Office Phone 4544373 Fax. no. 4518180 Faisalabad Office 2630666 & 0300 8655571

• **Business type:** manufacturer, importer

• **Product types:** uninterruptible power supplies UPS, backup power systems, propane powered appliances, solar electric power systems, batteries emergency backup, tankless water heating systems.

• **Service types:** installation, engineering, project development services, maintenance and repair services, testing services

 Address: 50-56 LGF Trust Plaza LMQ Road Multan 60000, Multan Karachi Lahore Islamabad, Pakistan Pakistan 60000

• **Telephone:** 9261-4544373 -4785971

• **FAX:** 9261-4518180

• Web Site: http://powertech-group.com

E-mail: Send Email to Power Tech International Group

Grace Consultants (Pvt.) Limited

- **Product types:** solar electric power systems, solar garden lights, solar water pumping systems, solar street lighting, solar traffic lighting systems, solar water heating systems.
- Address: 270 Sector Y, Commercial Area, Phase III, Defence Housing Authority, Lahore, Punjab Pakistan 54797

• **Telephone:** +92 42 5749447, +92 42 5749448

• **FAX:** +92 42 5749159

• Web Site: http://www.grace123.com

E-mail: Send Email to Grace Consultants (Pvt.) Limited

*Solarage Technologies

We are a Solar Technology Company representing in Pakistan few of the reputed International Manufacturers of Solar Products. We are introducing First Time in Pakistan Solar Products in abig way.

- **Business type:** retail sales, importer
- **Product types:** solar thermal energy, solar electric power systems, solar air heating system components, solar garden lights.
- **Service types:** consulting, design, installation, construction, engineering, project development services, financial services, contractor services
- Address: House # 1016, Street # 67, G-9/4, , Islamabad, Pakistan, Federal Pakistan 44000
- **Telephone:** +92-333-850 7474
- **FAX:** +92-300-8507474
- Web Site: http://www.solaragetechnologies.com.pk(underconstruction)
- E-mail: Send Email to Solarage Technologies



Fortune CP Ltd

We design, manufacture, supply and install renewable energy solutions. Through our network of branches and distributors we reach Europe, America, Africa and Asia. Products and systems include Solar photovoltaic panels, solar PV systems, solar DC fridges, deep cycle maintenance-free batteries, charge controllers, emergency power back-up, UPS, solar/wind hybrid systems, pure sine wave inverters, energy saver bulbs, LED lights, data loggers, solar panel mounting, solar street lights, solar water heating, solar water pumps, wind turbines, solar collectors, solar pool heating, off-grid systems, grid-tie systems, solar projects, solar air conditioners, solar garden lights

- Business type: manufacturer, wholesale supplier, exporter
- **Product types:** Solar photovoltaic panels, solar PV systems, solar DC fridges, deep cycle maintenance-free batteries, charge controllers, emergency power back-up, UPS, solar/wind hybrid systems, pure sine wave inverters, energy saver bulbs, LED lights, data loggers, solar panel mounting, solar street lights, solar water heating, solar water pumps, wind turbines, solar collectors, solar pool heating, off-grid systems, grid-tie systems, solar projects, solar air conditioners, solar garden lights.
- Service types: Project and system design, installation and commissioning, energy audit, project financing
- Address: Regus House, Victory Way, Dartford, Kent United Kingdom, USA, South Africa, Mexico, Jamaica, Dominican Republic, Malawi, Bahamas, Namibia, Spain, Portugal, Venezuela, Brazil, Peru, Ghana, Nigeria, Gambia, Senegal, Cameroon, Angola, Botswana, Zimbabwe, Mauritius, Madagascar, United Arab Emirates, Qatar, Saudi Arabia, Egypt, Kenya, Uganda, Sudan, Rwanda, Zambia, Tanzania, Malta, Cyprus, France, Italy, Turkey, Ireland, Jordan, Lebanon, India, Pakistan, Indonesia, Philippines, Australia, Argentina, Egypt, Tunisia, Libya, Algeria, Morocco, Sierra Leone, Bahrain, Kuwait, Ethiopia, Eritrea, DRC, Iraq DA2 6QD
- **Telephone:** 44 1322303070
- **FAX:** 44 1322303072
- Web Site: http://www.solar2renewableenergy.com
- E-mail: Send Email to Fortune CP Ltd

*****The Newage Innovative Enterprise

We are a team of foreign qualified professional engineers & business men committed to create awareness amongst Pakistanis to use environment friendly Solar Energy products not only to save money on their bills by using clean, environment friendly Solar Energy products also to contribute in keeping the environment healthy for our and generations to come. Basically we provide consultancy services in the field of alternate source of energies, and best suited products for use. We do not manufacture but are aware, where to procure best products at competitive rates, above all we provide technical expertise which is based on over 25 years of practical experience in Solar Energy s installation, commissioning, maintenance, research & develo...

- **Business type:** manufacturer, retail sales, importer
- **Product types:** air cooling systems, alternative fuel vehicles, biomass energy systems, building integrated photovoltaic systems, energy efficient appliances, photovoltaic systems, Solar Energy Products like, Solar Geyser (Evacuated glass tubes of diffrent dia & sizes) diffrent capacities, Solar Cookers box type, concentrator types. Solar dryers, Bio gas plants, Solar air conditioners. Wind mills etc. .
- **Service types:** consulting, design, installation, engineering, project development services, education and training services, research services, maintenance and repair services
- Address: H. No, 304 Street 77 G 9/3, Islamabad, Captial Pakistan 44000
- **Telephone:** 051 7162078, 03335169834
- **FAX:** 051 7162078
- Web Site: http://newageinnovative.com
- E-mail: Send Email to The Newage Innovative Enterprise

 Sarkar Energy (Private) Limited Output Description Output Description Description

Engineering, Construction, Procurement, Supply of Components of Fossil Fuel & Renewable Energy Power Plants.

- **Business type:** manufacture, supplier, exporter, importer
- **Product types:** fossil fuel, hydel energy system components, solar thermal energy, wind power plants, wind turbines, CDMs.
- **Service types:** consulting, design, installation, construction, engineering, project development services, site survey and assessment services, financial services, contractor services, testing services
- Address: Sarkar House, 342, Islamabad, Federal Capital Pakistan 444000
- **Telephone:** 0092 512104
- **FAX:** 0092 5121040
- Web Site: http://www.sarkarenergy.com
- E-mail: Send Email to Sarkar Energy (Private) Limited



Green Energy LLC

Green Energy LLC (GESOLAR), Middle East's premier suppliers of solar products and solutions offers the best solar and renewable energy solutions to meet any power requirements at most competitive prices. We are committed to be the ''lowest cost per watt'' provider of PV solutions to customers worldwide. We provide reliable and cost effective solar solutions for road, airport, marine, industrial (oil and gas, telecommunication), commercial, government, military, rural development, residential and customised applications. We offer products that are proven to work under rugged weather environments and meet the highest industry standards. All sales orders are processed / executed within 24 hours.

• Business type: Product manufacturers, wholesale suppliers, exporters, importers, solutions provider

- Product types: photovoltaic modules, backup power systems, renewable energy system batteries, energy
 efficient lighting, DC to AC power inverters, solar water pumping systems, solar airport lights, solar marine
 lights, solar traffic lights, solar obstruction lights, solar transit lights, solar powered advertising billboards,
 solar street lights, solar PV systems for telecommunication and custom applications, solar home lighting kits,
 solar components like charge controllers, DC lights.
- Address: Ground Floor, Office # 9 -12, Dubai Creek Tower, Deira, Dubai, United Arab Emirates, Afghanistan, Algeria, Angola, Burundi, Brazil, Congo, Djibouti, Eritrea, Ethiopia, Gambia, Ghana, India, Iraq, Kenya, Malawi, Mozambique, Nepal, Niger, Nigeria, Oman, Pakistan, Peru, Philippines, Puerto Rico, Saudi Arabia, Senegal, South Africa, Sudan, Tanzania, Uganda, USA, United Kingdom, Yemen, Zimbabwe 120599
- **Telephone:** 9714 2282 456 / +97150 4376527
- FAX: 9714 2215 234
- Web Site: http://www.ptlsolar.com
- E-mail: Send Email to Green Energy LLC

**Qualitest International

- **Business type:** wholesale supplier, publisher
- **Product types:** remote home power systems, backup power systems, solar electric power systems.
- **Service types:** consulting, design, installation, construction, engineering, project development services, education and training services, research services, site survey and assessment services, financial services, architectural design services, contractor services, maintenance and repair services, recycling services, testing services
- Address: R-196, Pakistan Railway Housing Society, Gulshan -e-Iqbal Block 13 D-2, Karachi, Sindh Pakistan 74600
- **Telephone:** 0345 2325651
- Web Site: http://www.qualitest-ndt.com
 E-mail: Send Email to Qualitest International



Asjid Energy Systems is dealing in Solar products from last few years successfully and is covering not only remote areas in Pakistan but also suggesting alternative and renewable source of energy for industrial sectors in Pakistan. We are highligthing its benefits not only for an individual organisation but globally for entire mankind. Currently we are looking for partner in Germany who can participate with us in Industrial projects and can provide with ready material and installation help in Pakistan

- **Business type:** retail sales, importer
- **Product types:** solar water heating systems, backup power systems.
- Service types: design, research services, maintenance and repair services
- Address: 6 Fazal-e-Qadir, Road Sialkot Cantt, Sialkot, Punjab Pakistan 56110
- **Telephone:** 0092-52-4600004
- **FAX:** 0092-52-4600008
- Web Site: http://www.asjidenergysystems.com
 E-mail: <a href="mailto-Send Emailto-Send E

Hajveri Corporation

We are importer & indenters of industrial appliances, power backup solution provider and fabric & garments supplier.

- Business type: corporate supplier, wholesale supplier, importer, indenter
- Product types: industrial appliances, backup power systems, measuring instruments, woven garments, PFP fabrics, PFD fabrics.
- Address: Suit# 12, Wahid Chambers, Noor Jahan Road, Gulberg III, Lahore, Lahore, Punjab Pakistan

Telephone: 92-42-5789752FAX: 92-42-5789754

• Web Site: http://www.hajveri.com

• E-mail: Send Email to Hajveri Corporation

Jasco Private Limited

wind farm developers, wind turbines large and small, project cosultancy, country representatives, agents & dealers, solar energy project comissioning & equipment and spares, solar roofing, diesel generators parts, locomotive parts,

- Business type: importer, trade association
- **Product types:** solar electric power systems, wind power plants, solar water pumping system components, gas turbine electric generators, renewable energy system batteries, solar roofing systems, spares for diesel engine generator, locomotive equipment and parts, project consultancy.
- Service types: consulting, project development services
- Address: 71/1 Block B. Model Town, Lahore, Punjab Pakistan 54600

Telephone: 092-321-4205996FAX: 092-42-5884695

• Web Site: http://www.jasco.com

• Web Site: http://www.jasco.com

• E-mail: Send Email to Jasco Private Limited

Libra Automation Controls

LED Lights, Garden Light, Street Light, Tube Light, Solar LED Light

• **Business type:** manufacturer

- **Product types:** LED lighting, solar charge controllers, backup power systems.
- Service types: consulting, design, installation, engineering
- Address: L-267, Phase I, D. H. A Defence, Lahore, Punjab Pakistan 54792

• **Telephone:** 0322-8469267

• Web Site: www.libraledworks.co.nr

• E-mail: Send Email to Libra Automation Controls

Solar Pak

We are supplier of Solar Water Heaters and also provides installation services for the same products.

- **Business type:** retail sales, wholesale supplier
- **Product types:** solar water heating systems, solar water heating components, water storage tanks, solar lighting systems, solar lighting systems, solar collectors evacuated tube, Solar Geysers.
- Service types: installation, project development services
- Address: Souq-ul-Hashar Plaza F-10 MKZ, Islamabad, Pakistan 44000

Telephone: 0092 (0) 300 5191617
Web Site: http://www.solarpak.tk
E-mail: Send Email to Solar Pak

Systems International

- Business type: retail sales, wholesale supplier, importer
- **Product types:** uninterruptible power supplies UPS, uninterruptible power supplies UPS, backup power systems, solar electric power systems, batteries lead acid sealed, telecommunications power systems, Biometric, RFID, Access control, time attenace, Gate barrier, remote surveillance, IT solutions.
- Service types: consulting, project development services, site survey and assessment services, maintenance and repair services
- Address: 301, 3rd Floor Gul plaza, 15-Civic Centre, New Garden Town, Lahore, Punjab Pakistan 54600

• **Telephone:** +92-42 5851623 & 24

• **FAX:** +92-42-5940922

Web Site: http://www.systems-intl.com
 E-mail: Send Email to Systems International

The Solar Energy

We Are Fabricators and Specialized In the Field of Installation of Imported Solar System. We Comprise the Experts of for Installation and Commissioning of Commercial Solar Systems and Led Bulbs. We Offer Entire Range of Solar System Packages and, A Complete Technical Support To Customers. We Deal to Provide of Solar Photovoltaic Modules, Batteries as well as Solar Electronics like Inverters, Charge Controllers, Led Lights and all Necessary Components Required for the Installation of Solar Systems Including Solar Light Poles, Frames and Battery Boxes etc. We have built up, a Network of Recommended Installers, Accredited who are fully trained to install Solar PV Systems. We are also Manufacturer of Windmill for Farming Purposes and These Wind...

- **Business type:** manufacturer, wholesale supplier, importer
- **Product types:** LED light bulbs, solar garden lights, solar lighting systems, solar street lighting, solar water heating systems, solar water pumping systems.
- Service types: installation, engineering
- Address: 1530 A Alfalah Town, Lahore Cantt, Pakistan Pakistan 548100
- Telephone: 92-42-5086233FAX: 92-42-5733055
- Web Site: http://www.solarenergy.com.pk
 E-mail: Send Email to The Solar Energy

A Modern Dev. Est. - HITEC

- Business type: manufacturer, retail sales, wholesale supplier, exporter, importer
- **Product types:** battery chargers, backup power systems, alkaline batteries, solar electric power systems, flooded lead acid batteries, battery chargers, Airport & Obstruction Lighting Wireless Communication Eqpt.
- Service types: installation, technical assistance, system integration
- Address: Lahore/ Islamabad, Lahore, Pakistan Pakistan 11683
- **Telephone:** 966503446593
- **FAX:** 96614196417

Advantech Solutions

Light from the sun is free by nature. Let us provide a complete solution, designing & installation of a complete solar system like for homes, factories garden lights, street lights etc.

- **Business type:** manufacturer, importer
- Product types: solar charge controllers, solar electric power systems, solar garden lights, solar lighting

systems, LED lighting, batteries lead acid sealed gelled.

- Service types: design, installation, engineering
- Address: 1st Floor Al-saeed Plaza Rehmanpura, Lahore, Punjab Pakistan 54000
- **Telephone:** 00 92 321 414 415 8, 00 92 42 7522 757
- **FAX:** 00 92 42 756 9790
- E-mail: Send Email to Advantech Solutions

Akhter Computers Pakistan(Pvt) Ltd

- **Business type:** manufacturer, exporter, importer
- **Product types:** solar air heating systems, solar water pumping systems, dc lighting, photovoltaic systems, energy efficient appliances, air cooling systems, custom made solar products.
- Address: Buland Markaz 33-Blue Area, Islamabad, Pakistan 44000
- **Telephone:** 092 51 2829803-6
- **FAX:** 092 51 2276858

AL-Hassan Engineering & Construction Pvt. Ltd

- **Business type:** importer
- **Product types:** air cooling systems, sealed lead acid batteries, air heating systems, wind energy systems (small), solar air heating systems, DC to AC power inverters.
- Address: Suite # 17, Hill Top Arcade, Gizri Boulevard, D.H.A., Phase IV, Karachi-75500, Sind Pakistan
- **Telephone:** +92-21-5833752

Al-Hassan Technology & Engineering Services (Pvt.) Ltd.

- **Business type:** manufacturer, exporter, contractor, supplier
- **Product types:** wind energy systems (small), DC to AC power inverters, solar electric power systems, solar water heating systems, air cooling systems, sealed lead acid batteries.
- Service types: Design, Consultancy
- Address: Suit # 17, Hill Top Arcade, Gizri Boulevard, D.H.A., Phase IV, Karachi, Sindh Pakistan 75500
- **Telephone:** +92-21-5833752, 5821478
- **FAX:** +92-21-5871034

Alternate Power Solutions

- **Business type:** retail sales, wholesale supplier, importer
- **Product types:** solar electric power systems, solar garden lights, solar lighting systems, solar street lighting, solar water pumping systems, solar water heating systems, Solar Fountains, Solar Garden Cascade, Solar Caps, Solar Cells, DC to AC Converters, Re-chargeable Batteries, etc..
- **Service types:** consulting, design, installation, project development services, research services, contractor services, maintenance and repair services
- Address: Display Centre, P-22, Paradise Floor, Siddiq Trade Centre, 72 Main Boulevard, Gulberg II., Lahore, Pakistan
- **Telephone:** 92-321-8455984
- **FAX:** 92-42-5792068

Atna International

- **Business type:** manufacturer
- **Product types:** solar electric power systems.

• Address: 7th St. Sanat Road, Gujranwala, Pakistan 52300

Telephone: 0092-431-272636
FAX: 0092-431-276236

Auj Technologies

• Business type: retail sales, wholesale supplier

• **Product types:** solar electric power systems, solar water pumping systems.

• Address: 8 Mezz. Dossal Arcade, Blue Area, Islamabad, P.O. Box 1947, Islamabad., Islamabad

Pakistan 54000

• **Telephone:** 92-333-4321496

Azcon Technical Services

Solar Electric / thermal systems, wind and bio fuels

• **Business type:** manufacturer, importer

- **Product types:** wind energy systems (small), solar electric power systems, solar thermal energy.
- **Service types:** consulting, design, installation, construction, engineering, project development services, maintenance and repair services
- Address: 4 Ameer Plaza, Tahir Saifuddin Road, , Karachi, Sind Pakistan 74400
- **Telephone:** 0092212931993
- **E-mail:** Send Email to Azcon Technical Services

Benchmark Technologies

We would like to take this opportunity to introduce ourselves as a diversified engineering based company providing solutions to the Standby / Back-up Power Systems to various telecom and power sector organization including Govt., Semi-Govt. and Private set-ups.

- **Business type:** importer
- **Product types:** batteries industrial, solar electric power systems, solar street lighting, power conditioning equipment, DC to AC power inverters sine wave, solar water pumping systems, Telecom Rectifiers Systems, Electroplating Rectifier Systems, UPS, DC to DC Converters.
- Service types: consulting, design, installation, engineering, education and training services, contractor services
- Address: Ground Floor, National Plaza, Lane # 5, Peshawar Road, Rawalpindi, Punjab Pakistan 46000
- **Telephone:** 92 51 5469128 & 92 51 5469128
- **FAX:** 92 51 5460756
- E-mail: Send Email to Benchmark Technologies

Circuit Aids

- **Business type:** manufacturer, wholesale supplier
- Product types: fuel cell systems, solar electric power systems, solar cooking systems.
- Address: Iffat Park View Apt #1, Plot No: 217/A, Block-2, PECH Society,, Karachi, SD Pakistan 75400
- **Telephone:** 0092-21-4549062
- **FAX:** 0092-21-4313059

Clean Power Pvt Ltd

- Business type: manufacturer, retail sales, exporter, importer
- **Product types:** LED lighting, batteries lead acid sealed gelled, biomass energy biofuel biodiesel, biomass energy biofuel ethanol, solar street lighting, solar street lighting, wind mill.
- Service types: consulting, installation, engineering, project development services, maintenance and repair services
- Address: 216 Street 74 I-8/3, Islamabad, Federal Capital Pakistan
- **Telephone:** + 92 51 4102271 73
- **FAX:** + 92 51 4102274

Consolidated Engineers

- Business type: importer
- **Product types:** wind turbines (large), wind energy systems (large), solar water heating systems, solar electric power systems, Auto Parts, Aircraft refuellers, Aircraft towing tractors, Projects with joint venture of overseas Principals.
- Address: 108 E-1, Gulberg-III, LAHORE, Punjab PAKISTAN 54600
- **Telephone:** +92-42-576-4907, 576-4908
- **FAX:** +92-42-5761247

Delhi Electric Stores

- **Business type:** wholesale supplier, importer
- **Product types:** LED lighting, uninterruptible power supplies UPS, sun concentrating photovoltaic systems, meters and measuring equipment, water filtering and purification systems, solar electric power systems.
- Address: Baghpatee Chamber, Altaf Hussain Road, Karachi, Sind Pakistan 74000
- **Telephone:** 92-21-2422968
- FAX: 92-21-2437606

East West Infiniti (Pvt) Ltd

- **Business type:** Manufacturer, Importer, Exporter
- Product types: Wind Energy Logging System, Meteorological Data Logger, Radio Tide Gauge, Rain Gauge, Solar tracking Systems, Telecommunication Power systems, Solar Charge regulators, Wind Energy Power Controllers.
- Address: Plot 146 Industrial Triangle, Kahuta Road, Islamabad, Pakistan 44000
- **Telephone:** +9251-111-222-102
- **FAX:** +9251-449-1845:

Energy Control Systems

- **Business type:** retail sales, wholesale supplier, importer
- **Product types:** air cooling systems, alternative home and building construction materials, cogeneration systems, biomass energy systems, solar water pumping systems, Solar ,Wind and microhydel energy, setup of PV production line.
- **Service types:** consulting, design, installation, engineering, project development services, education and training services, research services, site survey and assessment services, contractor services, recycling services
- Address: 1-Upper Mall Scheme, Lahore, Punjab Pakistan
- **Telephone:** +92-42-5063668

• **FAX:** +92-42-6685639

Envirable Energy Systems (Pvt.) Ltd.

- **Business type:** Energy Efficiency, Energy Recovery, Alternate and Renewable Energy and Environmental Engineering
- **Product types:** Telephone: ++92 (0) 21 203 9555 & ++92 (0) 21 203 9556 Mobile ++92 (0) 333 33 97 094 FAX: ++92 21 520 6765, www.envirable.com Power Generation Air Conditioning and Refrigeration Solar Energy Waste Heat Recovery boiler kalina cycle sterling cycle renkine cycle geo thermal Wind Power Automation, Control PLC micro controller Measurement Analytical Alternate Energy, Renewable Energy, Wind Energy, Solar Cell Wind Turbines, Solar Air Conditioning, Energy Recovery, Energy Efficiency, Steam Turbine, Gas Turbine, Co-Generation and Combined Cycle Generation, in Pakistan, Energy Recovery Energy Monitoring Solar Powered Air conditioning Solar Power Generation Laboratory Equipment Analytical Instruments Turbine Parts Feasibility Studies and Planning. Detailed Engineering Design. Re-Furbishing, Re-Manufacturing, Installation and Commissioning, Plant Management and operation, Planned maintenance Shutdowns. Trouble Shooting and Failure Analysis. study the techno commercial viability of Independent Power Plant (IPP) Captive Power Plant (CPP) Distributed Power Generation (DPG), Integrated Gas Turbine Combined Cycle (IGCC) Gas Turbine Combined Cycle (GTCC) Steam Turbine Co-Generation, Simple Cycle and Gas Engine plants. Natural Gas, Coal, Heavy Fuel Oil (HFO) and hi-speed diesel wind turbine power generation, solar heating cooling and power generation systems, Alternate & Renewable Energy, solar powered cooling systems, Solar Air-Conditioning, wind power generation, wind farm energy assessment, wind turbine design, wind farm electrical engineering etc, small scale hydro power generation. Environmental Engineering NOx, SOx, thermal, Noise, Emission control, Industrial Automation, fuel cell electric vehicle EV hybrid electric vehicle HEV ni-mh li-ion battery, ammonia water absorption cooling lithium bromide li-br adsorption chiller thermo-compressor cop, environmental pollution, bio gas, water treatment, aerobic biological water treatment, Free Energy, Bill Free Utility, Free For Ever, Freedom Power, Green Energy, Free Energy Buildings, Free Energy Living, Free Energy Community, Energy Saving Buildings, Energy Efficient Living.
- Service types: Consultancy, Engineering, Manufacturing, Supply, Erection, operation and maintenance
- Address: 519 Anum Blessings Shahre Faisal, Karachi, Sind Pakistan 74500
- **Telephone:** ++92 (0) 21 203 9555 & ++92 (0) 21 203 9556 Mobile ++92 (0) 333 33 97 094
- **FAX:** ++92 21 520 6765

Fine Metal Technolog Engineering Associates

- **Business type:** manufacturer, exporter, importer
- Product types: photovoltaic systems, remote home power systems, wind energy systems (large), wind energy towers and structures (small), solar water pumping systems, hybrid power systems, Consultant for Renenewable Energy Technologies Applications.
- Address: # Office-12, Rehamat Centre, I-8 Marakez, Islamabad, Islamabad Capital Territory Pakistan 44000
- **Telephone:** ++(92-51) 5478016

Haroon Brothers

- **Business type:** exporter, importer
- **Product types:** solar electric power systems, solar air heating systems, solar water pumping systems, photovoltaic cells, water filtering and purification systems. Solar Street Lights, Solar Garden Lights, VRLA batteries.
- Service types: consulting, design, installation, engineering
- Address: 204-SOOFI Chambers Link Mcleod Road, Lahore, Punjab Pakistan 54000
- **Telephone:** +92 42 7238421

• **FAX:** +92 42 7230865

Hi-Tech Communication Services

- Business type: Alternative Energy Solutions: Solar & Wind Energy power systems.
- Product types: Solar Power systems, Solar Pump, Solar Modules & Inverters, Wind Turbine Energy systems.
 Inverters, uninterruptible power supplies UPS, Backup power systems, Accessories and Fabrication, Cathodic Protection for oil and gas fields. Contact Mr. Khursheed Iqbal Cell: +92 300 8228268.
- **Service types:** Sales, Services & Solutions.
- Address: #2-3-4, First Floor Communication House. Off Abdullah Haroon Road Sadar. , Karachi, Sindh Pakistan 74400
- **Telephone:** +(92 21) 2730337, 2736880

• **FAX:** +92 21 2771193

Highnoon International (Private) Ltd

- **Business type:** retail sales, wholesale supplier, exporter, importer
- **Product types:** solar water heating systems, solar garden lights, solar lighting systems, photovoltaic modules, Solar Water Pumps, Air conditioners and Refrigerators.
- Service types: installation
- Address: 11-Ross Residencia, 1-Campus Road, Canal Bank, Lahore, Pakistan
- **Telephone:** 92-42-5170637 & 38
- **FAX:** 92-42-5220594

HMA GRUNDFOS PUMPS

- Business type: manufacturer, exporter
- **Product types:** water pumps, heat pumps, solar water pumping systems.
- Service types: installation, engineering, maintenance and repair services
- Address: 604 Israr Plaza Main Peshawa Road, Rawalpindi, Pakistan Pakistan 44000
- **Telephone:** 92-51-5468571-3
- **FAX:** 92-51-5468574

IDEA

Our Business Acceleration Center of IDEA, NGO (For the Bright Future) Peshawar & Islamabad, Pakistan promotes products in Renewabl Energy especially Solar Appliances. We will support your marketing & linkage to our RE projects & international initiatives. for R & D support, and publish B2B activities in our Sarhad chamber website (www.sccci.org.pk). We will conduct & organize workshops for projects in RE & Hydel Power Technologies promotion to acquire & network in Pakistan, We provide supply & support services & launch marketing & new product awareness compaigns of Renewable Energy Appliances in Pakistan, federal government projects & bidding in equipment & maschinery supply to organizations in RE & Hydel Power generation.

- **Business type:** nonprofit organization, research institution
- Product types: energy efficient homes and buildings, solar electric power systems, hydroelectric turbines (small), solar street lighting.
- Service types: design, engineering, education and training services, research services
- Address: Street 4, House 29, Sheen Qamar, Rahatabad, Peshawar, NWFP Pakistan 34000
- **Telephone:** 0092-91-5854677
- E-mail: Send Email to IDEA

IKZA Technologies

- **Business type:** retail sales
- Product types: solar water pumping systems, solar water pumping system components, solar water heating systems.
- Address: Kubaychak, Main market, Sialkot, Punjab Pakistan 51310

• **Telephone:** 92523518027

• **FAX:** 92523518711

Impact Systems

We are one of the leading companies for the supply of Imported UPS in Pakistan. Our leading role in the market is absolutely based on excellent price/performance ration along with backup Service/support to our valued customers with shortest down time.

- **Business type:** retail sales, wholesale supplier, importer
- **Product types:** uninterruptible power supplies UPS, gas turbine electric generators, solar electric power systems, uninterruptible power supplies UPS, uninterruptible power supplies UPS.
- Service types: installation, engineering
- Address: Suite#46-47, First Floor, Gohar Centre, Wahdat Road, Lahore, Punjab Pakistan 54600
- **Telephone:** +923018411878
- **FAX:** +92425840492
- **E-mail:** Send Email to Impact Systems

International Industrial Solutions (Pvt) Ltd

- Business type: manufacturer, wholesale supplier, exporter, importer
- **Product types:** steam turbine electric generators, gas turbine electric generators, solar electric power systems, cogeneration systems, alternative fuel vehicles, meters and measuring equipment, LT and HT Control Panels/Switchgeras.
- **Service types:** consulting, design, installation, construction, engineering, project development services, maintenance and repair services
- Address: 500 Moza Pindi Rajputtan, Wahid Road, Lahore, Pakistan
- **Telephone:** +92 42 594 3311
- **FAX:** +92 42 594 3312

INTERWORLD TRADING CORPORATION

- **Business type:** retail sales, importer
- **Product types:** fuel powered electric generators, wind energy systems (small), industrial batteries, packaged power systems, portable power systems, solar water pumping systems, Import of Urea Fertiliser, Sugar for Government.
- Address: 312, Almas Heights, Main Shahrah-e-Faisal, PECHS-2, Karachi-75400, PAKISTAN 75400
- **Telephone:** 9221-4535509, 4536829
- **FAX:** 9221-4547132

IST (Integrated Sustainable Technologies)

- Business type: manufacturer and supplier
- **Product types:** Photovoltaic module manufacturing equipment, Modules, Charge controllers, Inverters, UPS, wind energy systems (small), solar thermal water heating systems and Micro hydro power Equipment.

- Service types: Manufacturing, Imports and exports
- Address: Industrial Plot No 33, Street No 10, Sector I-9/2, , Islamabad , Federal Capital Pakistan NIL
- **Telephone:** 92 51 4438110, Mobile: 9251 0333 5252747
- **FAX:** 92 51 4434313

JAHANGEER BROTHERS

- Business type: manufacturer
- Product types: solar lighting systems, LED lighting, solar garden lights, solar electric power systems, Mobil Crusher plant - Fountaions.
- **Service types:** design, engineering
- Address: Gulshan e Ravi Main Band Road, Lahore, PAKISTAN 54000
- **Telephone:** 0092-42-7085326
- **FAX:** 0092-42-7418785

Jasqo Private Limited

- **Business type:** wholesale supplier, exporter, importer
- Product types: solar electric power systems, batteries emergency backup, biomass energy systems, DC to AC power inverters, diesel electric generators, DC to DC power converters, GASGENERATORS, SOLAR AIR CONDITIONERS, WIND TURBINES VERTICLE AND HORIZONTAL.
- Service types: consulting
- Address: 71/1 Block B, Model Town, Lahore, Punjab Pakistan 54600
- **Telephone:** 0092-321-4205996
- **FAX:** 0092-42-5832565

K.National Traders

- **Business type:** manufacturer, importer
- **Product types:** photovoltaic cell materials, photovoltaic cell manufacturing equipment, hydro energy system components (small), photovoltaic module manufacturing equipment, solar water pumping system components, wood burning stoves and furnaces, as above.
- Service types: education and training services, maintenance and repair services
- Address: 14-A, Sultan Ahmmad Road, Ichhra, Lahore, Pb Pakistan 54000
- **Telephone:** 092-0300-4537047
- **FAX:** 092-042-5303059

KITC

- **Business type:** manufacturer, exporter, importer
- **Product types:** solar street lighting, solar water heating systems, wind energy systems (large), solar traffic lighting systems.
- Service types: design, installation, construction, engineering, project development services, contractor services
- Address: Plot# 49, St # 2, I-10/3, Industrial Area, Islamabad, Pakistan 46000
- **Telephone:** 92-51-4438713
- **FAX:** 92-51-4438715

Komrez Solar Solution

We deal in all kind of solar power systems home solar power, solar street lightening, wind energy systems and also

we deal in computer accessories, new and used computers.

- Business type: retail sales, wholesale supplier
- Product types: backup power systems, battery cables, building integrated photovoltaic systems, computer and
 electronic components, computer software, DC to AC power inverters, photovoltaic cell materials, solar charge
 controllers, solar electric power systems, solar lightening system, solar street lightening systems, solar
 telicommunication power systems, wind energy systems, wind turbines.
- Service types: installation, project development services, contractor services
- Address: 133/bc, Gul Haji Plaza, university road, Peshawar, Nwfp Pakistan 25140
- **Telephone:** 0092-92-5854796
- E-mail: Send Email to Komrez Solar Solution

Libra Automation Controls

LED Lights, Garden Light, Street Light, Tube Light, Solar LED Light

- Business type: manufacturer
- Product types: LED lighting, solar charge controllers, backup power systems.
- Service types: consulting, design, installation, engineering
- Address: L-267, Phase I, D. H. A Defence, Lahore, Punjab Pakistan 54792
- **Telephone:** 0322-8469267
- E-mail: Send Email to Libra Automation Controls

M.E.F.T (PAKISTAN) PRIVATE LIMITED

- Business type: manufacturer, wholesale, supplier, importer
- Product types: Photovoltaic systems, air heating systems, wind energy system components(large), LED lighting, LED flood lights, LED Decoration Lights, LED Spot Lights, LED Building Decorations and LED Traffic Signals, Alternative home and building construction materials, solar vaccine refrigerators and solar water pumping system, Solar Cookers both Box Type and Parabolic Type,.
- **Service types:** Installation and Consultancy Services.
- Address: House 65, Gomal Road, Sector E-7, Islamabad, Federal Province Pakistan 44000
- **Telephone:** +9251 2654765
- FAX: +9251 2654764

M/S Synercon

- **Business type:** importer
- Product types: solar electric power systems, steam turbine electric generators, water pumps, heat exchangers, cogeneration systems, solar tracking systems, Solar Parabolic Through System, Glass Tube, Steam Turbine.
- Service types: consulting, engineering, project development services
- Address: 551-A-1, Johar Town, Lahore, Punjab Pakistan 05648
- **Telephone:** +9242-5177898
- **FAX:** +9242-5172134

Manahil Consultants (Sunergy Systems)

- **Business type:** manufacturer
- **Product types:** solar water heating systems, air heating systems.
- Service types: consulting, design, installation, engineering, research services
- Address: 201, 2nd Floor, Raja Sher Bahadur Bldg, Block 6, Civic Center, Islamabad, Pakistan 44000

Telephone: 92 51 2821980FAX: 92 51 2821981

Meco Pumps (Pvt) Ltd

• Business type: manufacturer

• **Product types:** solar water pumping systems.

• Address: 4-BULL Road (off Nishter Road), Lahore, Pakistan

Telephone: +92 42 7651493
 FAX: +92 42 7651401

Mondial (pvt) Ltd

Business type: Installersr, exporter, importer

• **Product types:** solar electric power systems Solar Light Solar Water Heating Systems..

Address: Carpet Chambers, Ground Floor, 10 Abbot Road, Lahore, Punjab Pakistan 54000

• **Telephone:** 92 42 631 4731 ,92 42 631 6543

• **FAX:** 92 42 636 6543

Munawar Solar Network

• **Business type:** manufacturer, exporter

• **Product types:** solar roofing systems, air cooling systems, solar desalination unit solar airconditioning tile, solar concrete bricks for walls..

• **Service types:** professor,

• Address: 371 Model town (zimni) islamabad pakistan, Islamabad, pakistan Pakistan 45200

• **Telephone:** 0320 4531058

Pak China Trade Impex

- **Product types:** air cooling systems, automotive starting batteries, energy efficient homes and buildings, gas turbine electric generators, solar water pumping systems, solar water pumping system components, cng or lpg operated airconditioning systems home and industrial.
- Address: 260-A Canal View Housing Society, Lahore, Punjab Pakistan 5400
- **Telephone:** 92-03008476761

Pak Wind Energy (Pvt) Ltd.

- **Business type:** manufacturer, wholesale supplier, importer
- **Product types:** wind turbines (large), wind power plants, wind energy systems (large), wind turbines (large), wind power plants, AUTOMOTIVE SERVICE EQUIPMENT, CLEANING EQUIPMENT, UPS, ALTERNATE ENERGY, WINDPOWER, SOLAR POWER. contact 021-4971610 & 021-4971642, fax 4971813.
- **Service types:** Manufacturing, installation,
- Address: M-3 Akbar Paradise Gulshan-e-Iqbal 10 A, Karachi, Sind Pakistan 75300

• **Telephone:** +92-21-4971610

• **FAX:** +92-21-4971813

Pakistan Solar Power (UK) Ltd

- **Business type:** manufacturer, retail sales, wholesale supplier, importer
- **Service types:** consulting, design, installation, engineering, project development services, site survey and assessment services, contractor services, maintenance and repair services
- Address: 17-Civic Center 1st Floor, New Garden Town, , Lahore, Punjab Pakistan
- **Telephone:** 0333 831 7070, OR, 042 7070770 &042 5017070
- **FAX:** 042 5853758

Pakistan Solar Power Project

We are working on the awareness and education of alternative solar solutions for thepeople of Pakistan. Presently the solor products are very high cost so out of reach for normal consumer. We commit ourselves to provide low cost solar solutions to consumers of Pakistan. Lets join hand to make Pakistan a prosperious country.

- **Business type:** importer, nonprofit organization
- Product types: solar electric power systems, solar garden lights, solar water heating systems, DC to AC power inverters.
- Service types: project development services, education and training services
- Address: No 298, Street 14, Sector F-10/2, Islamabad, Federal Pakistan 44000
- **Telephone:** +923005010998
- E-mail: Send Email to Pakistan Solar Power Project

POWER HIGHWAY (The Alternative Energy Systems)

- Business type: manufacturer, retail sales, wholesale supplier, exporter, importer
- Product types: Solar electric power systems, solar tracking systems, photovoltaic modules, Small Solar Cells, Students Solar Projects, Solar Garden Lights, Solar Street Lights, Solar Security Lights, Solar Air conditioner, Solar Water Heater, Solar Cooler, Solar Fan, Solar Flashlights, Solar Led Lights, Solar Emergency Backup for Hospitals, Military, Telecommunication, Solar Warning Lights, Solar Aviation Lights, Solar Water Pumps, Solar Refrigeration Systems, All Type of Residential and Industrial Solar solutions, Wind Turbines,200w to 30Kw, Dc to Ac Inverters, Ac to Dc Inverters, Charge Controllers, Led Flash Lights, Led Bulbs, Led Emergency Lights, Led Camping Lanterns, Army Flash Lights, Camping Lights and Gadgets, Led Head Lamps, Led Street Lights, Led Traffic Lights, 220V Led Energy Savers, 12/6V Led Bulbs, Led Table Lamps, All type of Led economical Products, Portable ups, Sensor Lights, Solar Security Cameras and much more for detail please visit our online Alternative Energy Store.
- **Service types:** consulting, design, installation, education and training services, research services, contractor services, maintenance and repair services, testing services
- Address: 29, Al-Mecca Electronics Market 45-THE Mall Road, Lahore, Punjab Pakistan 54000
- **Telephone:** 092-042-7239274, 7314003, Cell:0333-4293043
- **FAX:** 092-042-6544795

Pragmatic Engineers

- **Business type:** consultant
- **Product types:** water filtering and purification systems, solar electric power systems.
- Service types: consulting, design, installation, engineering
- Address: 6-B, Canal Park, Gulberg 2, Lahore, Punjab Pakistan 54660
- **Telephone:** +9242 7044200
- **FAX:** +9242 5712825

Project Procurement International

- Business type: importer
- **Product types:** telecommunication batteries, alternative home and building construction materials, waste treatment systems, composting systems, portable power systems, solar water heating systems.
- Address: 6 B, Second Floor, Bizzon Plaza F 11 Markaz, Islamabad, Pakistan 44000
- **Telephone:** +92512110904, +923008540195
- **FAX:** +92512105604

RADAN Intl (Pvt) Ltd.

- **Business type:** Technical Equipment Importer
- **Product types:** wind energy system components (small), wind energy systems (small), wind turbines (small), wind energy towers and structures (small), solar charge controllers, solar electric power systems, Solar Garden Lights.
- Address: B-102 Block 2 G-Iqbal, Karachi, Pakistan 75300
- **Telephone:** 92-021-4984870
- **FAX:** Head Office: +44-02073751636

Ralosyar Power Co.

We are suppling the solar power systems complete. We do not sell system by parts.

- Business type: manufacturer
- **Product types:** solar electric power systems, building integrated photovoltaic systems, hybrid power systems.
- **Service types:** design, engineering
- Address: E-362/26, opposite green complex, Quanchi Amer Sidhu, Ferozepur Road, Lahore, Lahore, Punjab Pakistan 54000
- Telephone: 03004264316FAX: 00425275655
- E-mail: Send Email to Ralosyar Power Co.

Rockwell Group

- **Business type:** manufacturer, wholesale supplier, exporter, importer
- **Product types:** photovoltaic cells, photovoltaic modules, solar water pumping systems, solar air cooling system, solar cooler, solar air heating system, solar air conditioner, solar A.C, solar garden lights, solar street/road light, solar water heating systems, solar lighting systems, solar trafic lights, solar DC fan, solar tracking system, solar electric charge controller, Inverter, wind energy towers and structures (large), water proofing for various structures (off- shore & on-shores)..
- Address: 9-T, Gulbrg-2, Lahore, Punjab Pakistan 54000
- **Telephone:** OO92-42-5756301
- **FAX:** OO92-42-5756303

S. E. P. L. (Solar Electric Power & Lighting)

- **Business type:** Manufacturer, Service Provider, Importer, Exporter
- Product types: Backup power systems (Solar Based and Grid), Cathodic protection systems, Cathodic
 Protection for Marine Jetty etc. DC to AC power Inverters Both Imported and Local manufactured, Hybrid
 Power systems, LED Lighting, Photovoltaic Modules, PV Systems, Grid Based Backup Systems, Water
 Heating & Space Heating Systems, Testing Equipment, Rectifiers (Oil and Air Cooled), AVR, All Electrical
 Works, Chargers, System Monitoring Devices, Solar Street Lighting based on Low pressure Sodium Bulbs
 60W, 100W, 135W 5 to 12 Hrs operation, Conventional Street Lighting, Solar Garden Lighting, Custom

designed Solar/ Wind Lighting solutions, Oil Industry Tools and Equipment, Micro Controller Based Projects and Designs for Industrial as well as commercial use, Electrical Distribution Panels, Surger Protectors, LED Lighting, Highly reliable and cost effective Solar Based Integrated products for Rural areas, Mobile Power Systems and much more.

• Service types: Importer, Manufacturer, Exporter, Service Provider

• Address: Suite 28, First Floor, Glass Towers, Clifton., Karachi, Sindh Pakistan 75530

• **Telephone:** 9221-5639954, 9221-5639955

• **FAX:** 9221-5639940

S. M. Farooq & Company

Dear Madom/Sir, We are interesed in the import of Solar Energy systems, Solar panels/Cells and Lead Acide battries manteness free. Best regardsZubair Farooq

• **Business type:** wholesale supplier, importer

• **Product types:** solar electric power systems, batteries lead acid sealed AGM, solar collectors flat plate, batteries lead acid sealed, batteries lead acid sealed AGM, solar electric power systems, Solar energy panels/cells and solar energy systems for Home, Shopes and Restrurantes.

Address: P-300 ST#8, Douglus Pura Imambara Road, Faisalabad, Punjab Pakistan 38020

Telephone: +92-41-2641205
 FAX: +92-41-8783584

• E-mail: Send Email to S. M. Farooq & Company

Samnun

We provide commercial solar energy solutions. Our high quality solar panels can give the customers the energy they need for their businesses, to cut down their energy related budgetary heavy costs and enhance savings for decades. Further, our very affordable solar residential systems, with additional battery backups are available within the price ranges, that almost every body can afford.

- **Product types:** photovoltaic module mounting systems, photovoltaic systems, solar charge controllers, solar electric power systems, backup power systems, solar roofing systems.
- Service types: consulting, design, installation, site survey and assessment services
- Address: Kyaban-e Suharwardy Road, Islamabad, Punjab Pakistan 44000

• **Telephone:** +9251-2826717

• **FAX:** +9251-2829457

Shacho Electronics

- **Business type:** Retail Sale, Wholesale Supplier, Importer
- Product types: Solar outdoor lighting systems, solar electric power systems, sun concentrating photovoltaic systems, Solarb house keeping light, Solar billboard lights, Solar mobile charger, Small solar cells, tiny solar cells...
- Address: 16-Hall Road, Lahore, Punjab Pakistan 54000
- **Telephone:** 92-042-7320798.92-0300-8442237

Shaheen Solar Company

- **Business type:** Retail Sale, Wholesale Supplier, Importer
- **Product types:** solar lighting systems, photovoltaic modules, solar electric power systems, batteries lead acid sealed AGM, LED light bulbs, LED lighting, Solar Panels, Solar Led Lantern, Led Lights and led bulbs.

- Service types: Sale.Export.Consultancy.Product Devolpment.
- Address: 16-Hall Road, Lahore, Pakistan 54000
- **Telephone:** 92-042-7211390,92-03008442237

Shirazi Trading Company Pvt Limited

- Business type: retail sales, wholesale supplier, exporter, importer
- **Product types:** remote home power systems, photovoltaic systems, solar outdoor lighting systems, photovoltaic modules, wind energy system components (small), solar and wind energy for commercial sector.
- Address: Nadir House, I.I., Chundrigar Road, Karachi 74000, Pakistan 74000
- **Telephone:** 92-21-2424075

Siachin Technologies

- **Business type:** manufacturer, wholesale supplier, exporter, importer,
- **Product types:** solar electric power systems, cathodic protection systems, photovoltaic module components, photovoltaic module manufacturing equipment, heat pumps, solar charge controllers, Thermoelectric Generators 50watts ~ 250 watts. (Gas/oil Fired) for Cathodic Protection..
- Service types: Manufecturer, Export, Import, Designing, Fabrication, OEM Supplier
- Address: No 13, Ground Floor, Sumaira Heights, Scheme 33. Gulshan-e-Iqbal., Karachi, Sindh Pakistan 75300
- **Telephone:** 92-21-8347796
- **FAX:** 92-21-4987017

Solar East

- **Business type:** manufacturer
- **Product types:** solar electric power systems, rechargeable batteries, DC to AC power inverters, Photovoltaic modules 1 watt to 100 watts, PV cells 84,100,102,103,125mm cells, P-type wafers 125mm round, DC to DC power converters, heat pumps, Peltier cooling / heating modules, compact fluorescent lamps AC/DC operation. Solar Modules prices start US\$4.05/watt peak for mono-crystalline..
- Service types: design, installation, project development services, research services
- Address: 141 Own Heights, Block 13-D/3, Main Sir Shah Suleman Road, Gulshan-e-Iqbal., Karachi, Sindh Pakistan 75200
- **Telephone:** 0092-21-8347796, 0092-333-2243316
- **FAX:** 0092-21-4970121

Solar Geyser

- **Business type:** manufacturer
- **Product types:** solar water heating systems, solar water heating components, solar water heater, domestic hot water, commercial hot water.
- Address: Office 5, 1st Floor, Jamil Plaza, G-10/MARKAZ, Islamabad, Pakistan 44000
- **Telephone:** 0092 51 2292835
- FAX: 0092 51 2819044

Solar Technologies International

- **Business type:** wholesale supplier, exporter, importer
- **Product types:** Solar air cooling systems, photovoltaic systems, solar ac tiles, energy efficient homes and buildings, water heating systems, solar water pumping systems, wind power plants, solar garden lights, solar

table lamps, solar torches, solar mobile chargers, solar street lights, solar power back packs for militery use & camping etc.

• Service types: consulting, installation, engineering

Address: 22-F, SOLAR HOUSE, Model Town, Lahore, Pakistan 0054

Telephone: 00 92 42 5852122
 FAX: 00 92 42 5852122

Solar Water Heater

• Business type: manufacturer

• **Product types:** solar water heating systems, solar water heating components, photovoltaic cells, solar collectors evacuated tube, appliances, solar collectors flat plate, Solar Water Heater Manufacturers in Pakistan.

• Service types: installation

• Address: Islamabad, Pakistan 44000

• **Telephone:** 0092512210897

Solar-Energy-Technologies

• Business type: manufacturer, retail sales

• **Product types:** solar water heating systems, hydro energy systems (small), solar pool heating system components, wind energy towers and structures (large), hybrid power systems.

Address: 151 Margalla Road - F-6/3, Islamabad, Pakistan

• **Telephone:** ++92512270467

• **FAX:** ++92512270467

Solartec (Pvt) Ltd.

We import and install the specified products. We also install it on contract basis.

• **Business type:** importer

Product types: solar street lighting, solar garden lights, solar water heating systems.

• **Service types:** installation, contractor services

Address: 36 Faran Society Haider Ali Road, Karachi, Sindh Pakistan 74800

• **Telephone:** 92-0333-3066533

• **FAX:** 92-021-2437982

• E-mail: Send Email to Solartec (Pvt) Ltd.

Specialists Group Inc. (Pvt.) Limited

• **Business type:** manufacturer, retail sales, wholesale supplier, exporter

• **Product types:** wind energy towers and structures (large), wind energy towers and structures (small), air cooling systems, solar electric power systems, composting systems, Mobile Communication & High Voltage Energy Towers. We manufacture and invest in the development of telecom infrastructure for single use and cosharing. We also manufacture towers on wheels. (Tower in an Hour (TIH)).

• **Service types:** Energy & Telecom Towers all kind.

Address: Suite # 203-4, Saman Arcade, 1-J, Gulberg-3,, Lahore-Pakistan, PK Pakistan 54600

• **Telephone:** +92-300-4698944

• **FAX:** +92-42-5867647

Stabac Electronics Co.

- Business type: manufacturer
- Product types: solar charge controllers, photovoltaic cell materials silicon ingots.
- **Service types:** consulting, design, installation, project development services, education and training services, research services, testing services
- Address: G-22, China Squire Plaza Dav College Road, Rawalpindi, Punjab Pakistan 54000
- **Telephone:** +92-51-5535846, 0321-5988480

STATESMAN ENTERPRISES

- Business type: importer
- **Product types:** diesel electric generators, batteries nickel cadmium, hybrid electric vehicles, LED lighting, marine power systems, solar traffic lighting systems.
- Service types: contractor services
- Address: 29/A, AL-AMIN PLAZA, THE MALL, RAWALPINDI, PUNJAB PAKISTAN 4600
- **Telephone:** 92-051-5528940
- **FAX:** 92-051-5528931

Sun Tech

- **Product types:** energy efficient homes and buildings, DC powered appliances, DC to AC power inverters, DC lighting, solar cooking systems, solar water heating systems.
- Address: Lahore, Punjab Pakistan 54600

The Solar Shop

We are pleased to introduce ourselves as THE SOLAR SHOP based in Pakistan. THE SOLAR SHOP - A Subsidiary of M/S. SOLARAGE TECHNOLOGIES has been setup here to provide Solar related products and services to the people who are interested in this Renewable Technology in Pakistan at most competitive rates and to introduce THE SOLAR first time in Pakistan in a big way. We are very keenly interested to DISTRIBUTE on Exclusive basis Your Products in Pakistan. Kindly send us details and let us know how we can become your Exclusive Local representatives / Agents in Pakistan. Our resolution For Year 2009 is LET S GO GREEN.

- **Business type:** manufacturer, retail sales, wholesale supplier, importer
- **Product types:** solar thermal electric power systems, solar electric power systems, solar roofing systems, solar lighting systems, solar street lighting, solar garden lights, Complete Solar Products and Services.
- **Service types:** consulting, design, installation, engineering, project development services, education and training services, site survey and assessment services, financial services
- Address: # 463/C, Street # 20-A, Sector-II, AECHS, , Rwalpindi, Punjab Pakistan 45000
- **Telephone:** +92-333-850 7474
- **FAX:** +92-300-850 7474
- E-mail: Send Email to The Solar Shop

TRIO GROUP OF COMPANIES

- Business type: exporter, importer
- **Product types:** solar electric power systems, CNG.
- Service types: design, construction, project development services, architectural design services, contractor
- Address: #64, kHAYABAN-E-SURAWARDY, G-6/4, Islamabad, Pakistan 44000

Telephone: 92-51-823552FAX: 92-51-272867

Vital Power Solutions

- Business type: retail sales, wholesale supplier, importer
- **Product types:** solar outdoor lighting systems, solar outdoor lighting systems, solar garden lights, DC to AC power inverters, wind energy system components (small), solar and windo powered complete solutions.
- Address: 156/S, Block 2, Sir Syed Road, P.E.C.H.S.,, Karachi, Sindh Pakistan 75400
- **Telephone:** 92-21-453 4061, 923008282662
- **FAX:** +1-770-818-5475

Zeeshan Electronics

- Business type: manufacturer
- **Product types:** solar outdoor lighting systems, uninterruptible power supplies ups, solar charge controllers, dc to ac power inverters, lead acid batteries, pcb ,ic programing Email:.
- Address: 5b Sony Centre Hall Road, Lahore, Punjab Pakistan 54900
- Telephone