

## RE Practices in Sri Lanka - Solar Technologies

### Solar Lanterns by ‘Alfa Therm’



#### System Details:

System	Model	Price – Rs.
01 Lantern (Portable) with a 10W solar module.	ST/SL/01	20,000/=
01 Lantern (Portable) with a Solar Module	STAR SOLAR	16,000/=

#### Features:

- The Solar Lantern provides a convenient portable lighting kit for households, farmhouses, camping sites, construction sites and many more.
- The in-built Solar Battery of the Solar Lantern is charged via a lightweight 10W “**BP Solar**” Solar Module.
- The energy-saving bulb provides bright, omni-directional light up to 5 hours of continuous light on a single charge.

**Dissemination:** Number not available

#### Marketed by:

ALPHA THERMAL SYSTEMS (PVT) LTD  
121, Castle Street, Colomobo 08  
Tel. 267 9944, 267 0544  
E-mail: [solartherm@eureka.lk](mailto:solartherm@eureka.lk)  
Web: [www.solartherm.lk](http://www.solartherm.lk)

## RE Practices in Sri Lanka - Solar Technologies

### Solar Garden Lights by ‘Alfa Therm’



#### System Details:

Centralized AC/DC Systems with 7W CFLs (Automatic Operation)

DC System	PV Panel	Battery
03 lamps	30W	65Ah
06 lamps	40W	65Ah
08 lamps	50W	90Ah
10 lamps	60W	90Ah
12 lamps	75W	100Ah

Price varies from Rs. 96,000 to 256,000 depending on the system details. The prices are inclusive of supply of all the materials, underground wiring and installation. The cable length for each lamp is limited to maximum of 20 meters from the battery.

#### Features:

- Solar Garden Lighting Systems are easy to install and operate, adding an aesthetic touch to Gardens, Gateways and Pathways on residential layouts and office complexes.
- Powered by a “BP Solar” Solar Module, these systems offer highly efficient, eco-friendly means of garden lighting with minimum maintenance.
- Energy saving CFL bulbs provides bright illumination, and the general daily operational hours can be increased with a higher capacity Solar Module.
- System autonomy for “No Sunshine” days and Pre-set Operation Time Auto On/Off feature are added advantages.

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## RE Practices in Sri Lanka - Solar Technologies

### Solar Home Lighting Systems by 'Alfa Therm'



#### System Details:

DC System	PV Panel	Battery
03 Lamps	30W	65Ah
06 Lamps	40W	65Ah
08 Lamps	50W	90Ah
10 Lamps	60W	100Ah
12 Lamps	75W	100Ah

Prices vary from Rs. 65,000 to Rs. 140,000. The prices are inclusive of supply of all the materials, wiring and installation.

#### Features:

- PV Panels of international standard – BP Solar
- Series connected Crystalline Silicon Solar Cells
- Available in a wide range - up to 170 watts
- Resistant to water, abrasion and hail impact
- Lightweight anodized aluminium frame with edge sealant around the Laminate
- Ethyl Vinyl Acetate (EVA) Encapsulant
- Weather proof junction box, with hinged lid and captive screws, 3 point cable entry with cable glands, suitable for both series and parallel connectivity.
- Suitable for Domestic Lighting, Street Lighting, Domestic Power Grid Connect Power Plants, Medical Refrigeration, Navigational Aids, Offshore Platforms, Railway Signaling, Telecommunications, Telemetry, Water Pumping, Rural Electrification, Solar Lanterns... and more!

"**SOLAR THERM**" Solar Home Lighting Systems have been a key feature in rural electrification Sri Lanka, and over 2,500 have been installed under the World Bank

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Web: [www.solartherm.lk](http://www.solartherm.lk)

## RE Practices in Sri Lanka - Solar Technologies

### Security/Street Lighting Systems by ‘Alfa Therm’



#### System Details:

Security/Street Lighting (15W CFL)

System	PV Panel	Battery
01 Lamp – 06 hrs	40W	65Ah
01 Lamp – 08 hrs	50W	65Ah
01 Lamp – 10 hrs	60W	65Ah
01 Lamp – 12 hrs	75W	90Ah

Estimated price vary from Rs. 90,000/= to Rs. 110,000/= per system. The prices are inclusive of stand alone pole mounted Security/Street Lighting Systems with all the materials

#### Features:

- Solar Street Lighting Systems are ready-to-install, standalone units with negligible maintenance involved. A “**BP Solar**” Solar Module and a high performance “**SOLAR THERM**” Solar Battery.
- Galvanized Steel Pole supporting the Lamp Head and the Battery Enclosure ensures all-weather proof operation, and the system features up to 4 days System Autonomy and Auto On/Off, Dusk to Dawn Operation.
- Available in a range of models, Solar Street Lighting Systems are ideal for illuminating roads, highways, bridges, townships & housing schemes, hotels & resorts, forest areas, watch towers, railways, shipyards, etc.

About 500 units have been installed in various parts of Sri Lanka

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Web: [www.solartherm.lk](http://www.solartherm.lk)

## RE Practices in Sri Lanka - Solar Technologies

### Solar Generator by 'Alfa Therm'



#### System Details:

Solar Generator (Solar Mobile Power Pack – 230V AC)

System	Capacity			
Inverter Capacities (with 65Ah battery)	150W	300W	500W	1000W
Module Capacity	30W	40W	50W	75W

For greater power requirements more than one Solar Module may have to be used.  
Price of the system is Rs. 70,000/= up.

#### Features:

- “SOLAR THERM” Solar Generator provides an alternate power source during power failures and power cuts, and as an excellent method of providing uninterrupted power supply to Refugee Camps, Camping Sites, Medical Centers in rural areas, Construction Sites, Pilgrimage Locations, etc.
- The Solar Generator is designed and manufactured to generate clean energy by using Solar Power minimizing air & noise pollution. Mobility and easy installation are added advantages.
- An easy to install ‘BP Solar’ Solar Module is used to charge the “Solar Therm” Solar Battery through a Solar Charge Controller. The battery supply is converted to 230Volts by a highly sophisticated Power Inverter, of which the efficiency is remarkably high.
- These Solar Generators are available in various capacities to suit different power requirements. A 12V DC out put Solar Generator is also available.
- All the safety precautions including a Trip Switch and Circuit Breakers are installed to ensure the safety of the user and the appliances.
- Among the equipment which could be operated with the “SOLAR THERM” Solar Generator include Energy Saving Bulbs, Fans, Television, VCRS, VCD/DVD players, Radio/Cassette Recorders, Laptop Computers, Telephones, Telephone Systems, Fax Machines, Medical Refrigerators and many more.

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## RE Practices in Sri Lanka - Solar Technologies

### Solar Water Pumping Systems by 'Alfa Therm'



#### System Details:

- Offering farmers valuable savings every month, Solar Water Pumping Systems are an environment-friendly and energy efficient option to conventional electric or diesel-powered pumps.
- Solar Water Pumping Systems are available as Surface and Submersible Systems up to 2HP rating pumps.
- These systems can lift water from depths up to 50 meters and deliver up to 135,000 Liters per day.
- The systems are ideally suited for agricultural applications, irrigation fields as well as for domestic and community usage.

#### Marketed by:

ALPHA THERMAL SYSTEMS (PVT) LTD

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Tel. 267 9944, 267 0544

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Web: [www.solartherm.lk](http://www.solartherm.lk)

## RE Practices in Sri Lanka - Solar Technologies

### Solar Domestic Water Heating Systems by 'Solar Therm'



#### System Details:

Model	Panel Area	Capacity
SW/ST/75L Recommended for 01 Bathroom (1-2 persons)	1x600mmx1220mm	75 Litres
SW/ST/100L Recommended for 01 Bathroom & Pantry (02 – 03 persons)	1x800mmx1525mm	100 Litres
SW/ST/150L Recommended for 02 Bathrooms & Pantry. (03 - 04 persons)	1x1015mmx2010mm	150 Litres
SW/ST/200L Recommended for 03 Bathrooms & Pantry. (04 - 05 persons)	2x800mmx1525mm	200 Litres
SW/ST/300L Recommended for 04 Bathrooms & Pantry. (06 - 07 persons)	2x1015mmx2010mm	300 Litres
SW/ST/450L Recommended for Guest Houses, Hotels & Industry. (08 - 10 persons)	3x1015mmx2010mm	450 Litres

#### System Features:

- The “**SOLAR THERM**” Hot Water Storage Tanks are constructed out of High Grade Stainless Steel, a corrosion-free material, that's customer-safe, with minimum maintenance.
- The Storage Tanks are designed to minimize mixing of hot & cold water during usage and are insulated with polyurethane foam ensuring superior insulation and minimizing overnight heat loss.
- “**SOLAR THERM**” Solar Collectors are manufactured out of copper, a super conductor of heat and corrosion-free material.
- As a standard feature, an electrical backup booster is built into the system to cater during heavy consumption days or continuous rain.

**Dissemination:** ~ 13,000 satisfied customer in Sri Lanka and Maldives during past 23 years.

Marketed by:

ALPHA THERMAL SYSTEMS (PVT) LTD

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Tel. 267 9944, 267 0544

E-mail: [solartherm@eureka.lk](mailto:solartherm@eureka.lk); Web: [www.solartherm.lk](http://www.solartherm.lk)



## RE Practices in Sri Lanka - Solar Technologies

### Solar Domestic Water Heating Systems by 'Wins Solar'



Name of Device	: “Wins Solar” Solar Domestic Water Heating System
Type	: Flat Plate
Size	: N/A
Components	: N/A
Proposed applications	: Domestic Hot Water System
Dissemination	: N/A
Marketed by	: Energy Works (Private) Limited, Sri Lanka
Estimated Cost	: N/A
Performance	: N/A

#### Produced & Marketed by:

Energy Works (Private) Limited  
No. 106, Kinsy Road, Colombo 7  
Hot line: 4333555, Email: energy@wow.lk



## RE Practices in Sri Lanka - Solar Technologies

### Solar Domestic Water Heating Systems by 'Pubudu Solar'

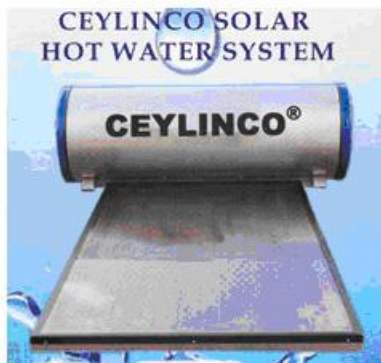


Capacity	100 lit	150 lit	225 lit	300 lit
Dimension	813 X 830 mm	1220 X 830 mm	1830 X 830 mm	2440 X 830 mm
Wight - wet	118 kg	176 kg	262 kg	352 kg
Material	Stainless Steel 1.2 mm	Stainless Steel 1.2 mm	Stainless Steel 1.2 mm	Stainless Steel 1.2 mm
E. Element	1.2 kW	1.5 kW	3 kW	3 kW
Test Pressure	10 bars	10 bars	10 bars	10 bars

Cost: As given above  
 Name of Device: "PUBUDU SOLAR" Solar Domestic Water Heating Systems  
 Type: Flat Plate  
 Size: As given above  
 Components: Storage Tank : Stainless Steel  
                   Insulation : High Pressure Poly Foam  
                   Collector Top Cover : 3mm glass  
                   Tube & Plate : Copper  
                   Base : Fibre Glass  
 Applications: Water heating – Domestic, Industrial  
 Dissemination: Not available  
 Produced & Marketed by: Pubudu Solar  
                                     No. 64, Hospital Road, Mulleriyawa New Town.  
                                     Tel./Fax. +94-112578096; Mobile: +94-714735567  
                                     Email: [pubudusolar@gmail.com](mailto:pubudusolar@gmail.com);  
                                     Web: [www.solar.lk](http://www.solar.lk)

## RE Practices in Sri Lanka - Solar Technologies

### Solar Water Heating Systems by ‘Ceylinco Renewables’



Available Models

Model	CRH-100	CRH-150	CRH-200	CRH-300	CRH-440	CRH-600	CRPH-182*	CRPH-300*
Total Capacity	100L	150L	200L	300L	440L	600L	182L	300L

Name of Device : “Ceylinco Solar Hot Water System”  
Type : Flat Plate  
Size : As given above  
Components : Not specified  
Applications : Water heating – Domestic, commercial and Industrial  
Dissemination : Not available  
Marketed by : Ceylinco Renewables (pvt.) Ltd.  
No. 33, Edmonton Road, Colombo 06.  
Tel. 011 5628877, 4863433, 4882777, 4882886  
Tel./Fax. 0112513260;  
Email: [info@ceylincorenewables.com](mailto:info@ceylincorenewables.com)  
[www.ceylincorenewables.com](http://www.ceylincorenewables.com)

## RE Practices in Sri Lanka - Solar Technologies

### Solar Domestic Water Heating Systems by ‘Solar Hart’



Access Agencies offer the following Solahart products

L Series (5 year warranty)	
L	150 l
L	220 l
L	300 l
J Series (5 year warranty)	
Free heat series (10 year warranty)	

Name of Device	: “Solar Hart” Solar Water Heating Systems
Type	: Flat Plate
Size	: As given above
Components	: Not specified
Applications	: Water heating – Domestic, commercial and Industrial
Dissemination	: World leaders in Solar Hot Water Systems. Solarhart Industries has been manufacturing since 1905, introducing its first solar water heater in 1953. Solahart is now a trans-national organization operating in all continents (with installations in over 70 countries).
Marketed by	: Access Agencies (Pvt) Ltd., No: 160/20, Kirimandala Mawatte, Narahenpita. Customer Care Hotline: 4519178 Tel. 4519183-5, Fax. 4519180 Email: <a href="mailto:accessagencies@access.lk">accessagencies@access.lk</a>
Source	: <a href="http://www.accessagencies.com">www.accessagencies.com</a>

## RE Practices in Sri Lanka - Solar Technologies

### ‘EDWARD DOMINATOR’ Solar Water Heater



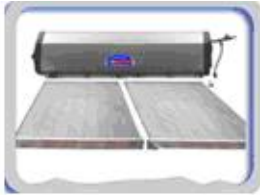
Model No. 085SH



Model No. 115SH



Model No. 165SH



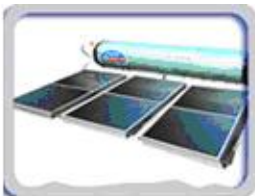
Model No. 230SH



Model No. 285SH



Model No. 365SH



Model No. 445SH

Name of Device : “**EDWARD DOMINATOR**” Solar Domestic Water Heater

Type : Flat Plate

Size/Model : As given above

Components : Not specified

Applications : Specially designed for Upcountry and Coastal areas

Dissemination : Information is not available

Sole Agent & Assemble by : Greener Power Corporations (Pvt) Ltd.  
Tel. 071 4265160; 077 382 5427  
Email: [gamage@solardominator.com](mailto:gamage@solardominator.com)  
[www.solardominator.com](http://www.solardominator.com)

Exclusive Dealer in Sri Lanka : Dinapala Super Centre  
Kandy – 081 447 1766, 081 223 6890  
Yatinuwara Street – 081 222 5123, 081 447 3497  
Nugegoda – 011 430 8441, 011 441 1664  
Kurunegala – 037 222 2587, 037 469 1247

**Factory:** No. 176/01, Maravita. Dambadeniya.  
**Service Center:** No. 42, Jayadumanarama Rd, Ratmalana.  
**Mobile:** +94 777- 260410, +94 777- 179379.

## **RE Practices in Sri Lanka - Solar Technologies**

### **Solar Domestic Water Heating Systems by 'MAXLANKA'**

**Name of the System : SUNRISE SOLAR Water Heating Systems**

No Details available

**Supplier:**

MAXLANKA INDUSTRIES (PVT) LTD

No. 144, Sri Vajiragnana Mawatha,

Colombo 09.

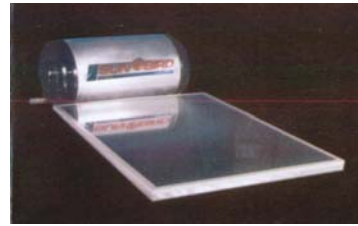
HotLine: 077 748 2880

Tel. 011 268 1658, 071 432 5251; Fax. 011 246 9778

Email: [mxlanka@gmail.com](mailto:mxlanka@gmail.com); mxlanka@sltnet.lk

## RE Practices in Sri Lanka - Solar Technologies

### Solar Domestic Water Heating System by 'SUN BIRD'



#### System Details:

Type & Model	Panel Size	Tank (Liters)	Usage Personnel	Roof Area	Gross Wt.- kg
Comfi – 75/L/M1	1xMedium	75	1-2	3'x6'	111
Family Junior 100/L/ME	1xMedium Extended	100	2-3	4'x6'	148
Family 150/L/X1	1xExtra Large	150	2-4	5'x8'	210
Family Plus 225/L/ME2	2xMedium Extended	225	4-6	7'x8'	313
Luxury 300/L/X2	2xXL	300	6-10	9'x8'	416
Supreme 450/L/XE2	2xXL Extended	450	8-14	9'x9'	577

Prices vary from Rs. 76,000/= to Rs. 268,000/=

#### Features:

- 10 year warranty
- Electrical Booster – 1200 W with Auto-thermostat 40°C – 80°C
- 3m 15A power cord.
- Maintenance free.
- Made to international standards.
- Easy installation (Do-it-yourself available)

#### Produced & Marketed by:

Jude Fernandopulle Associates (Private) Limited  
 No.02, Welihena, Kochchikade.  
 Tel. 0312277800; Fax. 0312279373; Hot Line: 0773577735  
 Email: sunbird@jflanka.com  
 Web Site: <http://www.sunbird.lk>

## RE Practices in Sri Lanka - Solar Technologies

### Solar Domestic Water Heating System by “Srilak Energy”



#### Features:

- Free of charge water heating
- Being able to purchase a high quality solar hot water system which is value for money
- Minimize the usage of electricity
- A lifetime investment
- Supply of hot water 24 hrs
- Keep temperature for 48 hrs
- Maximum protection

#### Extra Benefits:

- Free one year insurance cover for the system
- Free installation and services
- 10 year warranty
- Easy payment scheme
- Free transport within Colombo city limits
- Adjustable for any climatic condition

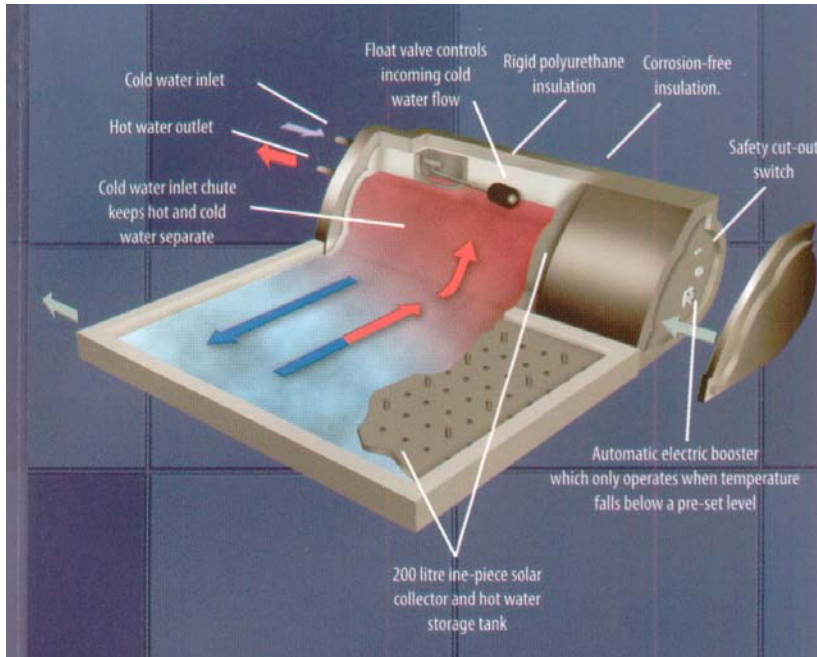
#### Produced & Marketed by:

J.N. Packaging Pvt. Ltd.  
194/A, Stanley Thilakarathne Mawatha  
Nugegoda  
Sri Lanka.  
Tel. +94 11 2612757; Hot Line: 077 2480086  
Fax. +94 11 2812758\Email: [srilakenergy@sltnet.lk](mailto:srilakenergy@sltnet.lk)



## RE Practices in Sri Lanka - Solar Technologies

### Solar Domestic Water Heating System by “Solco Solar”



#### Technical Data – Solco – 200L

Capacity	-	: 200L
Weight of Unit	- Empty	: 60kg
	- Full	: 260kg
Dimension of Tank	- Length	: 1450mm
	- Diameter	: 360mm
Dimension of Collector	- Length	: 1230mm
	- Width	: 1450mm
	- Depth	: 44mm
Overall Size of Installed System	- Length	: 1690mm
	- Width	: 1560mm
	- Height	: 575mm
Booster	-	: 2400W
Cylinder Material	-	: Polyethylene
Cylinder Lining	-	: Polyethylene
Cylinder Insulation	-	: Polyethylene
Cylinder Test Pressure	-	: 3 psi
Absorber surface finish	-	: Polished
Collector Cover Material	-	: Perspex

#### Produced & Marketed by:

**PE Plus (Pvt.) Ltd.**  
**148, Vauxhall Street**  
**Colombo 02**  
**Tel: 4760100; Fax: 5352741**  
**Email: [peplus@slon.maharaja.lk](mailto:peplus@slon.maharaja.lk)**

## RE Practices in Sri Lanka - Solar Technologies

### Domestic/Institutional Solar Water Heating System by 'Environ Energy Lanka Limited'



Features	Advantages
Storage tank is made of corrosion resistant stainless steel and PP coated aluminum cladding	Weather proof, durable and corrosion resistant
Storage tank is thermally insulated with high density PUF	Maximum heat retention
Clear Toughened Glass	For better transmission of solar radiation and high durability
Unique PP coated aluminium frame designed to withstand mechanical shocks	Long life ensuring durability
Copper absorber specially coated with selective black chrome for maximum solar absorption	Improves heat absorption even during rainy/cloudy days

Features	Advantages
Handles hard water upto 800 PPM without drop in efficiency.	Reduces maintenance expenses. Does not need frequent cleaning.
The storage tank is made up of SS-316 grade with PUF insulation and SS cladding	Maximum heat retention
Tracks the sun throughout the day intercepting more than 93% of incident solar radiation.	Low start up time because of high thermal efficiency. Water gets heated at a faster rate.
Smaller system size	Requires lesser space for Installation Suitable for multistorey apartments.

#### Marketed by:

Environ Energy Lanka Ltd.,  
#98, Ward place,  
Colombo – 07  
Sri Lanka  
Tel : +94 (11) 5379411 – 417  
Fax : +94 (11) 5379410  
E-mail: [info@environenergy.lk](mailto:info@environenergy.lk)

## **RE Practices in Sri Lanka - Solar Technologies**

### **Solar Still**



No details available

Source: [Janathakshan.org/Practical Action](http://Janathakshan.org/Practical%20Action), Sri Lanka

## RE Practices in Sri Lanka - Solar Technologies

### Solar PV Home Systems by 'ECOSOLAR'



Name of Device	: "ECOSOLAR Home System"
Type	: Solar PV home system
Size	: Not available
Components	: Photovoltaic (PV) Module, Controller, battery, CFL Lamps, wiring and accessories. All components are to high quality standards approved by the World Bank.
Applications	: Provide you with back up lighting as an alternative to a generator or inverter system
Dissemination	: The Renewable Energy division imports & installs Solar Home Systems under a World Bank sponsored project in rural un-electrified areas through Sales Centres established in the North Western, Central, Sabaragamuwa, North-East & Uva provinces. Solar Home Systems to electrify rural homes are marketed through 14 Solar Centers island-wide
Marketed by	: E. B. Creasy & Co. Ltd. No. 98, Sangaraja Mawatha, Colombo 10. Tel. 2478770-9, 24221311-4 Fax. 2478775 Email: marketing@creasy.lk Web: www.ebcreasy.com
Estimated Cost	: Not available
Performance	: PV module carries a 10 year warranty.
Source	: www.ebcreasy.lk

## RE Practices in Sri Lanka - Solar Technologies

### Solar Water Pump Systems by 'ECOSOLAR'



Name of Device	: "ECOSOLAR Water Pumps"
Type	: Solar PV operated water pumps
Size	: Not available
Components	: ETA Pumps from Lorentz A.G and are long lasting maintenance free and economical. Coupled with our CEL PV Modules and ETA Solar Tracker
Applications	: Provides a economical and long lasting solution as a community water supply system.
Dissemination	: The ETA Solar pumps have been introduced to the Sri Lankan Market by EBC and is now used in areas where there is no electricity for agricultural (Drip Irrigation) and community water supply projects.
Marketed by	: E. B. Creasy & Co. Ltd. No. 98, Sangaraja Mawatha, Colombo 10. Tel. 2478770-9, 24221311-4; Fax. 2478775 Email: <a href="mailto:marketing@creasy.lk">marketing@creasy.lk</a> Web: <a href="http://www.ebcreasy.com">www.ebcreasy.com</a>
Estimated Cost	: Not available
Performance	:
Source	: <a href="http://www.ebcreasy.lk">www.ebcreasy.lk</a>

## RE Practices in Sri Lanka - Solar Technologies

### Solar PV Home Systems by 'Ceylinco Renewables'

System Capacity	Type	Specifications
30 Watts	3-30 Watts	PV Module: BP, Webel &APX Battery: 45Ah (ABM) Controller: SSG 250 Lamp: Sundaya, CFL (6-7W) Outlets: 5A
40 Watt	4-40 Watt	PV Module: BP, Webel &APX Battery: 60Ah (ABM) Controller: SSG 300 Lamp: Sundaya, CFL (6-7W) Outlets: 5A
50 Watt	5-50 Watt	PV Module: BP, Webel &APX Battery: 70Ah (ABM) Controller: SSG 300 Lamp: Sundaya, CFL (6-7W) Outlets: 5A
60 Watt	6-60 Watt	PV Module: BP, Webel &APX Battery: 90Ah (ABM) Controller: SSG 300 Lamp: Sundaya, CFL (6-7W) Outlets: 5A
	7-60 Watt	PV Module: BP, Webel &APX Battery: 100Ah (ABM) Controller: SSG 400 Lamp: Sundaya, CFL (6-7W) Outlets: 5A
	8-60 Watt	PV Module: BP, Webel &APX Battery: 100Ah (ABM) Controller: SSG 400 Lamp: Sundaya, CFL (6-7W) Outlets: 5A
80 Watt	10-80 Watt	PV Module: BP, Webel &APX Battery: 100Ah (ABM) Controller: SSG 400 Lamp: Sundaya, CFL (6-7W) Outlets: 5A

#### Marketed by:

#### **Ceylinco Renewable (Pvt) Limited**

No. 2, Elibank Road,

Colombo - 05, Sri Lanka

Tel: +94115628877

Tele /Fax: +94112590260

Email: [info@ceylincoren Renewables.com](mailto:info@ceylincoren Renewables.com)

Web: [www.ceylincoren Renewables.com](http://www.ceylincoren Renewables.com)

## **RE Practices in Sri Lanka - Solar Technologies**

### **Solar PV Street Lights by ‘Ceylinco Renewables’**



#### **Specifications:**

40W Monocrystalline Panel, 2-35Ah Ceylinco Renewables Solar Batteries, DC Controller, Timers (Digital or Manuel), Bulbs 15W, 11W, 9W, Cobra Head shape reflector. Capable of running 6-12hrs, Could be fitted with lighting sensors. Available in Silver, Green, Brown or custommize colors.

#### **Marketed by:**

**Ceylinco Renewable (Pvt) Limited**

No. 2, Elibank Road,

Colombo - 05, Sri Lanka

Tel: +94115628877

Tele /Fax: +94112590260

Email: [info@ceylincorenewables.com](mailto:info@ceylincorenewables.com)

Web: [www.ceylincorenewables.com](http://www.ceylincorenewables.com)



## **RE Practices in Sri Lanka - Solar Technologies**

### **Solar PV Portable Solar DC Lighting Systems by ‘Ceylinco Renewables’**



**Model: SK-TPS-201**

#### **Specifications:**

- A solar DC power system that support lighting, and other DC applications such as lighting ,Mobile phone, radio, recorders in area that lack of normal power supplier. (camping etc..).
- All unit of the system are pre-installed, just plug and play.
- All units of the system are pack in a suitcase, easy to carry.
- Built in charge regulators provide protection to ensure proper operation at all time.
- 3V, 6V, 9V, 12V output available for different application
- Comes with two 5W/12VDC energy saving light, Brightness equivalent to a 40W incandescent bulb.

#### **Marketed by:**

**Ceylinco Renewable (Pvt) Limited**

No. 2, Elibank Road,

Colombo - 05, Sri Lanka

Tel: +94115628877

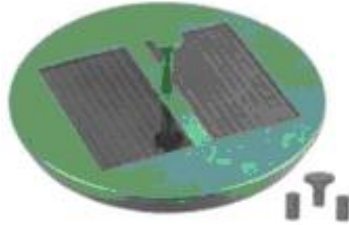
Tele /Fax: +94112590260

Email: [info@ceylincoren Renewables.com](mailto:info@ceylincoren Renewables.com)

Web: [www.ceylincoren Renewables.com](http://www.ceylincoren Renewables.com)

## **RE Practices in Sri Lanka - Solar Technologies**

### **Solar PV – SF-TPS-636 Solar Fountain Pump by ‘Ceylinco Renewables’**



**Model: SF-TPS-636**

#### **Specifications:**

- Simply place on water's surface, works by direct sunlight.
- Oxygenates your pond
- Includes 3 different fountain heads
- Integrated 1.3Watt / 7V amorphous silicon solar panel
- Integrated low voltage(6V – 9V) pump with filter
- Replaceable pumping unit.
- Operates in direct sunlight
- Fountain height up to 15 inches
- No wiring, simply install and enjoy. No running costs

#### **Marketed by:**

**Ceylinco Renewable (Pvt) Limited**

No. 2, Elibank Road,

Colombo - 05, Sri Lanka

Tel: +94115628877

Tele /Fax: +94112590260

Email: [info@ceylincorenewables.com](mailto:info@ceylincorenewables.com)

Web: [www.ceylincorenewables.com](http://www.ceylincorenewables.com)

## RE Practices in Sri Lanka - Solar Technologies

### Solar PV Garden Products by 'Ceylinco Renewables'



GL-1011SSL7 ( Sandstone Finish)



GL-1011SSL7 ( Stainless Steel)



GL-1011SSL7 ( Oil Rubbed Brown)



GL-1011SSL7 ( Verde Finish)

Specifications: 1PC 600 MAH Ni-Cd battery, 1PC white LED, cell type: Monocrystalline



**MODEL No.**  
GL-1011L3 (Hanging)  
**SPECIFICATIONS:**  
1PC 600 MAH Ni-Cd  
Battery, 1PC white LED.  
cell type : Monocrystalline



**MODEL No.** GL-DBTC-A01  
**SPECIFICATIONS:**  
Stainless Steel finish, 2 white  
led, two 600mA ni-cd batteries.  
Product Size:  
16\*16\*64cm(L\*W\*H)



**MODEL No.** GL-DBTC-A06  
**SPECIFICATIONS:**  
Plastic finish, 2 white led, two  
600mA ni-cd batteries. Product  
Size: 66X50X44 cm(L\*W\*H)



**MODEL No.** GL-17.4035  
**SPECIFICATIONS:**  
E27 Stainless steel body,  
clear glass, Max 60W,  
0.8m height



**MODEL No.** GL-17.1002  
**SPECIFICATIONS:**  
Stainless steel body, clear PC diffuser,  
with 2pcs of LED (white or yellow) with  
hydrogen-nickel battery AA 900mAh  
2.4V, 2 years life, 8hrs nightly run time,  
TUV approve

### Marketed by:

#### Ceylinco Renewable (Pvt) Limited

No. 2, Elibank Road,

Colombo - 05, Sri Lanka

Tel: +94115628877

Tele /Fax: +94112590260

Email: [info@ceylincoren Renewables.com](mailto:info@ceylincoren Renewables.com)

Web: [www.ceylincoren Renewables.com](http://www.ceylincoren Renewables.com)

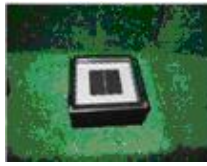
## RE Practices in Sri Lanka - Solar Technologies

### Other Solar PV Products by 'Ceylinco Renewables'



**MODEL No. GL-SB90MC**  
**SPECIFICATIONS:**

Solar Brick-With Metal Case, Plastic Structure & Water Proof, Include 4pcs LED and 1pc 1.2V/2400MAH, NI-MH high temperature battery



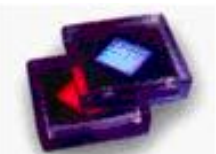
**MODEL No. GL-SB90CMC**  
**SPECIFICATIONS:**

Solar Brick-With Metal Case, Plastic Structure & Water Proof, Include 4pcs LED and 3pcs Super Capacitor



**MODEL No. GL-SB100MC**  
**SPECIFICATIONS:**

Solar Brick-With Metal Case, Plastic Structure & Water Proof, Include 4pcs LED and 1pcNI-MH, high temperature battery



**MODEL No. GL-SB200**  
**SPECIFICATIONS:**

Solar Glass Brick, Steel Glass Structure & Water Proof, Include 8 pcs LED and 1.2v/4000mAh, NIMH high temperature battery



**MODEL No. GL-SB200C**  
**SPECIFICATIONS:**

Solar Glass Brick, Steel Glass Structure & Water Proof, Include 8 pcs LED and 6 pcs, Super Capacitor



**MODEL No. GL-SB300**  
**SPECIFICATIONS:**

Solar Glass Brick, Steel Glass Structure & Water Proof, Include 16 pcs LED and 2.4V/1800mAh, NIMH high temperature battery



**MODEL No. GL-SG90**  
**SPECIFICATIONS:**

Solar Ground Light, Stainless Steel Structure & Water Proof, Include 6 pcs LED and 1600mAh/1.2V, NI-MH high temperature battery



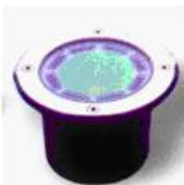
**MODEL No. GL-SG90C**  
**SPECIFICATIONS:**

Solar Ground Light, Stainless Steel Structure & Water Proof, Include 6 pcs LED and super capacitors



**MODEL No. GL-SG120**  
**SPECIFICATIONS:**

Solar Ground Light, Stainless Steel Structure & Water Proof, Include 6 pcs LED and 1600mAh/1.2V, NI-MH high temperature Battery



**MODEL No. GL-SG120C**  
**SPECIFICATIONS:**

Solar Ground Light, Stainless Steel Structure & Water Proof, 6pcs Surper Capacitor, NI-MH high temperature battery



**MODEL No. GL-SG60**  
**SPECIFICATIONS:**

Solar Ground Light, Stainless Steel Structure & Water Proof, Include 4 pcs LED and 1600mAh/1.2V, NI-MH high temperature battery

### Marketed by:

**Ceylinco Renewable (Pvt) Limited**

No. 2, Elibank Road,

Colombo - 05, Sri Lanka

Tel: +94115628877; Tele /Fax: +94112590260

Email: [info@ceylincorenrenewables.com](mailto:info@ceylincorenrenewables.com)

Web: [www.ceylincorenrenewables.com](http://www.ceylincorenrenewables.com)

## RE Practices in Sri Lanka - Solar Technologies

### Solar Products by 'Wisdom Solar'



Solar Lantern



Solar Home System



Solar Hot Water System



DC/AC TV



#### Solar Street Lamps

50Wp to 75Wp Multicrystalline Solar Module, 12V 70-75Ah SMF led acid or Gel Battery, Push Full or blocking oscillator type Inverter ,9,11W CFL Lamp ,Cobra Head Shape reflector ,Capable of running 6-12hrs, Available in Silver, Green, Red or Customize color

### Solar Home System/Solar Street Lamps

Description of Components	Manufacture	Capacity	Warranty
<b>Solar Module</b>	Premier Solar-India	10Wp up to 100Wp	15 Years
<b>Charge Controller</b>	Sundaya-Indonesia Morningstar-USA Phocos-India	6Am p up to 15Amp 6Am p up to 50Amp 5Amp up to 20Amp	One Year One Year One Year
<b>Led Acid Battery SMF &amp; Jel Battery</b>	ABM -Sri Lanka Champion-China	30A/h up to 200A/h 7A/h up to 150A/h	One Year Two Years
<b>CFL Lamps</b>	Sundaya-Indonesia	3W up to 18W	One Year
<b>DC Tubes</b>	Sundaya-Indonesia	6W	One Year
<b>CFL Lamps</b>	Priemier-India	6W, up to 18W	One Year
<b>CFL Lamps</b>	HPI		One Year
<b>Cables</b>	Sundaya-Indonesia ACL -Sri Lanka	1.5mm & 2.5mm	
<b>Switches &amp; plug</b>	Orange-Sri Lanka Clipsal-Australia	5Am ps 5Am ps	

#### Marketed by:

Wisdom Solar (Pvt) Ltd, No 434 Thalawathugoda Rd , Madiwela, Kotte.

Tel --(94) 11 2779790-1 & 011 4958 938, Fax: 001 277 9790

Mob: 077 751 5595

www.wisdomsolar.lk

## RE Practices in Sri Lanka - Solar Technologies

### Solar Street lights by 'Environ Energy Lanka Limited'



Model YL 40



Model YL 50



Model YL 75



Model YL 100

#### Specifications:

Parameter	Model YL 40	Model YL 50	Model YL 75	Model YL 100
Solar Module	40Wp	50Wp	75Wp	100Wp
Battery	12V/40Ah	12V/60Ah	12V/60Ah	12V/100Ah
Lamp	11W CFL	11W CFL	11W CFL	11W CFL
Daily Operation	10hr	10h	Dusk to Dawn	Dusk to Dawn

#### Marketed by:

Environ Energy Lanka Ltd.,  
#98, Ward place,  
Colombo – 07  
Sri Lanka  
Tel : +94 (11) 5379411 – 417  
Fax : +94 (11) 5379410  
E-mail: [info@environenergy.lk](mailto:info@environenergy.lk)



## **RE Practices in Sri Lanka - Solar Technologies**

### **Solar Thermal Technologies - Solar Still by NERD Centre**



#### **Features:**

- Increased heat absorber area due to the use of corrugated sheet.
- Durable and cost effective due to the construction of base frame using concrete.
- To prevent heat loss, bottom of corrugated sheet is insulated.
- Optimized the distance between corrugated sheet and the top glass in order to obtain high efficiency
- Placed at an angle of 10 Degrees (Latitude angle) to the horizontal in order to get maximum solar radiation.

#### **Size and Capacity;**

- 4 ft X 3 ft surface area
- Can obtain ~ 4-5 liters of clean water on good sunny day

#### **Operation:**

- No operational cost and minimum maintenance as there are no moving parts.

#### **Enquiries:**

Techno Marketing Department  
National Engineering Research and Development Centre  
Ekala, Jaela.  
Tel. 2236284, 2236 384, 2236307  
Fax. 5354597  
Email: [nerdcentre@nerdc.lk](mailto:nerdcentre@nerdc.lk)  
Web: [www.nerdc.lk](http://www.nerdc.lk)



## RE Practices in Sri Lanka - Solar Technologies

### Solar Thermal Technologies – Integrated Solar Water Heater by NERD Centre



#### Features:

- Solar energy collector and the storage tank are integrated as one unit.
- A number of cylindrical tanks (made of stainless steel) are kept together and are connected in parallel at the two ends. Top surfaces of these cylinders are exposed to sun's radiation and act as the collector surface and transfer the heat to water inside the cylinder.
- Bottom of the cylinders are insulated.
- Cylinders are covered by a glass.
- Booster electrical heater is included for use in cloudy/rainy days.

#### Size and Capacity:

- LxWxH = 1.2m x 0.6m x 27cm.
- Weight - ~ 20kg (empty)
- Capacity ~ 15 gallon

#### Operation:

- No operational cost and minimum maintenance as there are no moving parts.

#### Enquiries:

Techno Marketing Department  
National Engineering Research and Development Centre  
Ekala, Jaela.  
Tel. 2236284, 2236 384, 2236307  
Fax. 5354597  
Email: [nerdcentre@nerdc.lk](mailto:nerdcentre@nerdc.lk)  
Web: [www.nerdc.lk](http://www.nerdc.lk)

## **RE Practices in Sri Lanka - Solar Technologies**

### **Solar Thermal Technologies – Solar Dryer by NERD Centre**



#### **Features:**

- Cabinet type dryer where materials being dried are kept in an enclosed environment
- A Passive system
- Provision for operation using saw dust as well on cloudy/rainy days, in the night, etc.
- Since the materials being dried are not exposed to direct solar radiation or to flue gas from saw dust stove, the quality of drying material is maintained.

#### **Size & Capacity:**

- Solar collector area 32 Sq. ft
- 8-12 kg (wet) of material could be dried in 18 hrs

#### **Enquiries:**

Techno Marketing Department  
National Engineering Research and Development Centre  
Ekala, Jaela.  
Tel. 2236284, 2236 384, 2236307  
Fax. 5354597  
Email: [nerdcentre@nerdc.lk](mailto:nerdcentre@nerdc.lk)  
Web: [www.nerdc.lk](http://www.nerdc.lk)

## RE Practices in Sri Lanka - Solar Technologies

### Solar PV Technologies – Yoghurt Incubator

Cost Effective Yoghurt Incubator



Name of the Product	: Yoghurt Incubator
Capacity	: 200 cups per batch
Capacity	: 200 cups per batch
Electricity	: 230, 50Hz, Can be powered by Solar PV also
Power consumption	: 80W
Construction	: Wooden with foil on the inner walls
Temperature control	: Thermostatically. Auto
Cost	: Rs. 20,000

#### Enquiries:

Techno Marketing Department  
National Engineering Research and Development Centre  
Ekala, Jaela.  
Tel. 2236284, 2236 384, 2236307  
Fax. 5354597  
Email: [nerdcentre@nerdc.lk](mailto:nerdcentre@nerdc.lk)  
Web: [www.nerdc.lk](http://www.nerdc.lk)

## List of Manufacturers of Solar Products

### Yoghurt Incubator – NERDC Licensees

1. Mr. J.A.A.P. Jayasinghe Tel. 011 2295945, 077 6169166  
261C, Nilpanagoda,  
Wagowwa
2. Mr. N.D.P. Edward Tel. 031 2241871, 031 4871543, 0777 478861  
281, “Sisila”  
Dagonna
3. Mr. P.K. Somapala Tel. 011 2232252  
35/36, Gallawatta  
Ekala

### Technology Providers

1. National Engineering Research & Development Centre  
Ekala, Jaela  
Sri Lanka  
Tel. 011 2236284, 011 2236307, 011 2236384  
Fax. 011 5354597  
Email: [nerdcentre@nerdc.lk](mailto:nerdcentre@nerdc.lk)  
[www.nerdc.lk](http://www.nerdc.lk)

### Producers & Marketeers

1. **ALPHA THERMAL SYSTEMS (PVT) LTD**  
121, Castle Street, Colombo 08  
Tel. 267 9944, 267 0544  
E-mail: [solartherm@eureka.lk](mailto:solartherm@eureka.lk)  
Web: [www.solartherm.lk](http://www.solartherm.lk)
2. **Energy Works (Private) Limited**  
435 2/21, Regent Plaza  
Maradana Road  
Colombo 10  
Tel: +94 11 4720296, 4724986  
Fax: +94 11 4720297; Hot line: 4333555,  
Email: [energy@wow.lk](mailto:energy@wow.lk)
3. **Pubudu Solar**  
No. 64, Hospital Road, Mulleriyawa New Town.  
Tel./Fax. +94-112578096; Mobile: +94-714735567  
Email: [pubudusolar@gmail.com](mailto:pubudusolar@gmail.com);  
Web: [www.solar.lk](http://www.solar.lk)
4. **Ceylinco Renewables (pvt.) Ltd.**  
No. 33, Edmonton Road, Colombo 06.  
Tel. 011 5628877, 4863433, 4882777, 4882886  
Tel./Fax. 0112513260;  
Email: [info@ceylincorenewables.com](mailto:info@ceylincorenewables.com)  
[www.ceylincorenewables.com](http://www.ceylincorenewables.com)

5. **E. B. Creasy & Co. Ltd.**  
No. 98, Sangaraja Mawatha, Colombo 10.  
Tel. 2478770-9, 24221311-4 ; Fax. 2478775  
Email: [marketing@creasy.lk](mailto:marketing@creasy.lk)  
Web: [www.ebcreasy.com](http://www.ebcreasy.com)
6. **Environ Energy Lanka Limited**  
**98, Ward Place**  
**Colombo 7**  
Tel: +94 11 5379411-7  
Fax: +94 11 5379410  
E-mail: [info@environenergy.lk](mailto:info@environenergy.lk)  
**Contact Person:**  
Mr Arun Gamalatge  
Formerly known as Shell Solar Lanka Limited
7. **High Tech Solar Systems (Pvt) Ltd**  
64/3, Perivena Road  
Ratmalana  
Tel: +94 11 2730502, 2730505  
Fax: +94 11 2730505  
E-mail: [Devi001@sltnet.lk](mailto:Devi001@sltnet.lk)  
**Contact Person:**  
Mr V Vijeyeraj
8. **HPI Solar (Pvt) Ltd**  
92/A, G.H. Perera Mawatha  
Raththanapitiya  
Boralesgamuwa  
Tel: +94 11 430 6690, 4301833  
Fax: +94 11 254 5192  
E-mail: [info@hpisolar.com](mailto:info@hpisolar.com)  
**Contact Person:**  
Manjula Wickrematillake
9. **Softlogic Solar (Pvt) Ltd**  
3rd Floor, Softlogic Building  
14, De Fonseka Place  
Colombo 5  
Tel: +94 11 5391100  
Fax: +94 11 5374481  
E-mail: [Sampath@softlogic.lk](mailto:Sampath@softlogic.lk)  
**Contact Person:**  
Mr Sampath Amarasekera

10. **Sundaya Lanka (Pvt) Ltd**  
6B, Agaradaguru Mawatha  
Ekala 11380  
Ja-Ela  
Tel: +94 11 2229574  
Fax: +94 11 2232769  
E-mail: [info.lk@sundaya.com](mailto:info.lk@sundaya.com)  
**Contact Person:**  
Mr Rohan Jayawardena
11. **Suriyavahini (Pvt) Ltd**  
444/10/C1, Delgahawatte Road  
Ratmalana  
Tel: +94 11 2685225, 4952932, 2738486, 4542790  
Fax: +94 11 2738486, 4542791  
E-mail: [pradipj@suryavahini.com](mailto:pradipj@suryavahini.com)  
**Contact Person:**  
Mr Pradip Jayawardena
12. **Vidula Energy (Private) Limited**  
**434, Thalawathugoda Road**  
Madiwela  
Kotte  
Tel: +94 11 4880440, 4880330  
Fax: +94 11 2779790  
E-mail: [vidul@sltnet.lk](mailto:vidul@sltnet.lk)  
**Contact Person:**  
Mr Herath Dissanayake  
Formerly known as Vidul Energy (Pvt) Ltd
13. **Wisdom Solar (Pvt) Ltd**  
434, Thalawathugoda Road  
Madiwela  
Kotte  
Tel: +94 11 2779790-1  
Fax: +94 11 4880330  
E-mail: [herathd@sltnet.lk](mailto:herathd@sltnet.lk)  
**Contact Person:**  
Mr Herath Dissanayake