

[www.lssolar.com.sg](http://www.lssolar.com.sg)



# SOLAR ENERGY SOLUTIONS



## PRODUCT BROCHURE



# COMPANY PROFILE

**LS Solar** is a reliable and established company, specialized in providing products, systems and services in the renewable energy sector. LS Solar Pte. Ltd. has been working in manufacturing, assembling and system integration of solar power systems and representing various multinational companies worldwide as their master distributor and dealers and has diversified into many solar application projects system integration internationally. With the current worldwide expansion of interest and sales in renewable energy products, including our own region, the company is well positioned with the appropriate products and experience to play an important role. LS Solar Pte. Ltd. has a total involvement and commitment towards increasing the use of renewable energy in helping to solve the world's energy needs.

## Markets

The company primarily distributes products throughout the world through its extensive distributor network. The company is a total solution provider for solar power, telecommunication equipment, water pumps for drinking and irrigating, street lights, Off-Grid, On-Grid System hybrid system and On-Grid application.

## Services

Our Solar Engineers and Technicians are Trained and Licensed in the service and repair of most manufacturers Solar Panels and Inverters. We can diagnose and repair all problems. We guarantee our work with 100% customer satisfaction. With over 12 years experience and more than 1,500 clients, our reputation speaks for itself.

- Solar product Manufacturing
- Module Assembly
- Solar Power System Assembly and Installation
- Total Solar Power System Supply



# SOLAR PRODUCTS

## SOLAR MODULES



### Poly/Mono/Thin film

**Power Range,  $W_p$**  : (10.0~280 W)  
**Operating Voltage,  $V_{mp}$**  : (17.3~35.6 V)  
**Operating Current,  $I_{mp}$**  : (0.58~7.87 A)  
**Open circuit Voltage,  $V_{oc}$** : (21.5~44.8 V)  
**Open circuit Current,  $I_{sc}$**  : (0.65~8.33 A)

## CHARGE CONTROLLERS

and accessories



### MPPT

**Max Battery Current** : 10~60 Amps  
**System Voltage** : 12~48V DC

### PWM

**Max Battery Current** : 16~110A  
**System Voltage** : 12~48V DC

## INVERTER



**Power Rating** : 150~6000Wp  
**Peak power rating** : 600Watts  
**Dc Input Voltage** : 12~48V  
**Waveform** : Pure sine  
**AC output Voltage** : 110~240V  
**AC output Frequency** : 50/60 Hz

## VRLA BATTERIES

and Others



Standard Range AGM & GEL

**Capacities** : 33~250AH  
**End VPC @ 25°C**: 1.67~1.80VPC

Deep Cycle, suitable for all solar applications

## SOLAR POWER SYSTEMS OFF-GRID



**Power Range** : 500~5000W  
**Output Voltage** : DC 24~110V  
 AC 220V

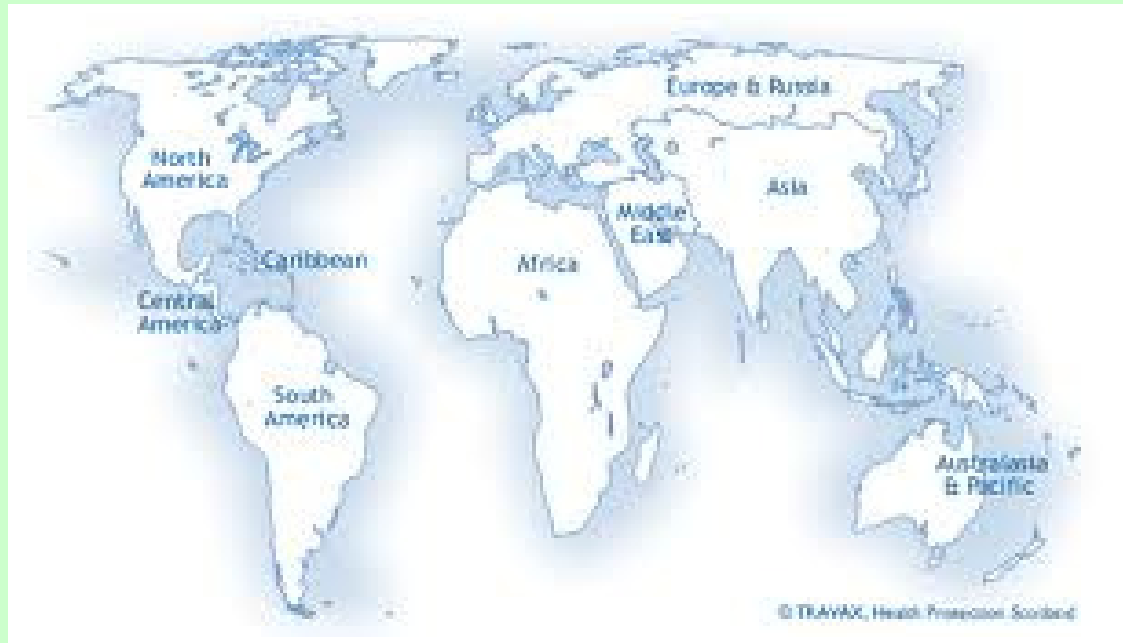
Inclusive of Panels, Charge - Controllers, Batteries, Inverters and accessories

## SOLAR LED LIGHTING



**Power Range** : 20~170W  
**Light Source output** : 3~60W  
**Luminous Flux** : 220~3300Lm

Inclusive of Panels, Charge - Controllers, Batteries, Lighting source and accessories



## LS SOLAR REGIONAL OFFICES

### Nepal Sales Office

Blue Bird Commercial complex  
Room No 507-510  
Tripureshwor  
Katmandu  
Nepal

Tel: (977) 14422 4056

### Bangladesh Sales Office

House #4 (1<sup>st</sup> Floor)  
Road #15, Block-D  
Banani  
Dhaka-1213,  
Bangladesh

Tel: (880) 171 3064 840

### India Sales Office

5 pushpanjali  
1<sup>st</sup> Floor  
Vikas Marg  
Delhi  
India

Tel: (91) 9810240049

## HEAD OFFICE

### LS SOLAR PTE LTD

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Singapore 349584

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