

THRIVE

SOLAR LED STREET LIGHT



Suitable for:

- ▶ Townships
- ▶ Apartment Complexes
- ▶ Farm Houses
- ▶ Offices / Guest houses
- ▶ Villages, NGO's, School, Colleges
- ▶ Factories & Temples.

Unbelievable guarantees:

15 years on solar module

3 years on battery

3 years on luminary

- ▶ Backed by World's best Japanese LED from Nichia.
- ▶ Automatic 12 hours operation from dusk to dawn.
- ▶ 5 Days of autonomy for lighting in cloudy weather.
- ▶ No need to replace bulbs.
- ▶ Most affordable prices.

THRIVE ENERGY TECHNOLOGIES, a world renowned name for innovative home lights now comes out with equally path-breaking technology to drive away darkness from every village / town.

System Specification:

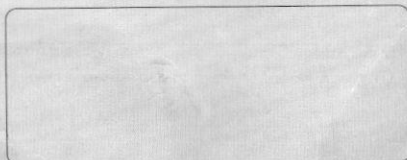
Pole	6 mt, 2.5 " Dia MS / GI pole with corrosion proof paint
Module	High efficiency 12V, 37Wp poly crystalline module Designed to with stand even the harshest weather conditions & manufactured in house
Lamp	World's best Nichia LED60,000 hours of burning hours 15 lux illumination at 12 feet height Light spread 30 feet Lumens output: 800 for 8 W model; 1200 lumens for 12 W model
<u>Charge Controller</u> Battery	12V, 40 Ah low maintenance / sealed maintenance free lead acid Battery box: MS suitalibe for outdoor application Lining for temperature controlCorrosion proof painting
<u>Cables</u> Electronics	Total electronic efficiency: > 85% Microprocessor based intelligent circuitry Automatic reconnect on gaining charge Automatic reconnect to panel on discharge
Indicators	Red: for battery low Green: for charge in progress (indication ceases when charge is complete)
Protections:	Battery over charge cut off Reverse polatity protection to control circuit Protection from accidental short circuits

Manufactured by : AN ISO 9001-2008 COMPANY



THRIVE ENERGY
TECHNOLOGIES PVT. LTD.

Plot No:133/1/B, Phase II, IDA, Sector-1, Lane-1, Cherlapally,
Hyderabad-500051, A.P, India. Phone : +91-40-3290 1212,
E-mail : info@thriveenergy.co.in, www.thriveenergy.co.in



Each Bugyehno paper 80 p. in hand

~~3 Bat~~

4 Batismy incl. Secuout -

2 Geyers

8 ~~8~~ Tubes

6 Fans

3 Wg.

1 Canp

3 AC

to send
41 samples of
 VSC - $\frac{506}{1711}$ $\frac{1}{514}$

for model bus
 18 or 81

for
 Solar panel

1 KW or
 2 KW
 1 no.
 1 no.

1) - Solar panel unit

12 Att.
 2 nos.

2) - Power conditioning unit

1 no

19-Aug-11

3) - Batteries

150 lbs to
 200 lbs

4) Solar water heater

GJM
 23/8/11

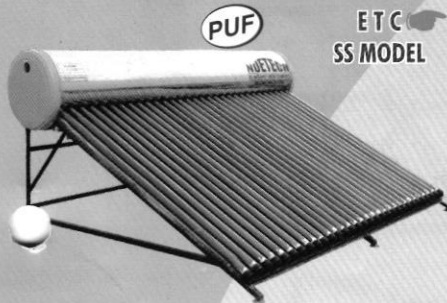
NUETECH SOLAR SYSTEMS PVT. LTD.

NUETECH[®]
ENERGY FOR A CHANGING WORLD

NUETECH SOLAR SYSTEMS PVT. LTD., One of the leading manufacturer of Solar Water heaters in India for domestic and Industrial applications since 1992, **NUETECH** consists of highly spirited team of engineers with strong R & D base and customer service, **NUETECH** clientele includes ISRO, TELECOM, RAILWAYS, GOVERNMENT HOSTELS, HOSPITALS, LEADING HOTELS AND LODGES along with a galaxy of VIP.

NUETECH Renowned for its efficiency is a most trusted and reliable name in the industry and has established itself as Best Solar Water Heater in India, Quality, Teamwork, after Sales and Service are the key of our success. **NUETECH** is BIS certified (ISI Mark) under IS-12933, an ISO 9001-2008 Company and 2002 - RASHTRIYA RATTAN AWARD WINNER.

Evacuated Tube Collector Solar Water Heater



PUF

ETC
SS MODEL

Special features

- Greater absorption area per day, up to 94% auto sun tracking collection
- Minimum heat loss from the system due to Evacuated tubes & PUF insulated storage tank.
- Better performance in winter & cloudy days.
- Hard water/scaling does not corrode the ETC tubes.
- Maintenance free, easy to clean.
- Compact size-Low height, easy to install & transportation.
- Inner/outer tank is made of SS 304 grade stainless steel for longer life.
- Thermostat electrical back up for non-sunny days.
- Outer cladding of storage tank is mirror finished stainless steel (non magnetic).

* 50 paise rebate per unit
in electricity bill

Easy Installments
through Nationalised
Banks @ 2% p.a.
Reducing balance

Special features

- Ideal for hard water areas (Heat Exchanger)
- Suitable for subzero temperature for avoiding pipe burst..
- Pure polyester powder - coated collector box.
- 9 Nos Ultra sonic welded and chrome coated copper fins .
- Indium activated sacrificial anode protect storage tank from hard water.
- Inner storage tank made of Tig welded SS 304 grade stainless steel for longer life.
- All screws and components are non corrosive.
- Inbuilt electrical back up with adjustable thermostat for heating hot water during cloudy days.

200 LPD - HARD BELT MODEL



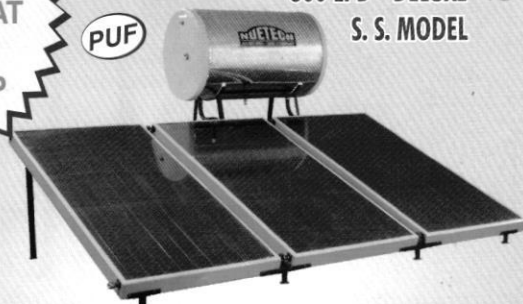
(HEAT EXCHANGER)

Special features

- Outer cladding of storage tank is mirror finished stainless steel (non magnetic).
- PUF insulated storage tank minimizes the heat loss.
- Inner storage tank made of Tig welded SS 304 grade stainless steel for longer life.
- Selective Black chrome plating for higher efficiency.
- Unique serrated fins deep embossed with ultrasonic bonding for more absorptivity.
- Inbuilt electrical backup with adjustable thermostat for heating hot water during Cloudy days.
- All screws and components are non corrosive with tank and collector outer surface powder coated.
- Inter connecting pipes are Rubber pipes with brass fitting for longer life.
- Indium activated sacrificial anode protect storage tank from hard water.

IREDA
SOFT LOANS
AVAILABLE AT
YOUR
DOOR STEP

300 LPD - DELUXE S. S. MODEL



PUF

Banks : Canara Bank, Syndicate Bank, Punjab National Bank, Bank of Maharashtra, Punjab & Sindh Bank, Union Bank of India, Bank of India, Vijaya Bank & Andhra Bank

NUETECH SOLAR SYSTEMS PVT. LTD.

Registered Office & Works :

5, B.M. Shankarappa Industrial Estate, Sunkandakatte,
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☎ : +91-80-23483766, 23481743/44/46/48 Fax : 080-23281730

Customer Care : 080-23481744 / 23587373 / 9243144444

E-mail : info@nuetechsolar.com Website : www.nuetechsolar.com

Bala Krishna . T

Mob. 9885713574

9908131302

The Best Choice for Total Hot
Water needs

Evacuated Tube Collector Solar Water Heater

NUETECH[®]

ENERGY FOR A CHANGING WORLD



**BUREAU
VERITAS**

AN ISO 9001-2008 COMPANY



2002 - RASHTRIYA RATTAN AWARD WINNER



PC Model

IS : 12933



CM/L 6134657

NUETECH
SOLAR WATER HEATERS

Estimate

From Company : **Modi & Modi Constructions**
5-4-187/3 & 4, IInd Floor, M.G.Road, Secunderabad - 500003
T I N No. : 28723421984

Supplier Details

Su-kam Power Systems Limited
1-11-254/1, Ist floor, Motilal Nagar, Begumpet, Lane beside SBH Zonal Office, Hyderabad-16.
040-27717628/
905223737/9885456333

Doc No	9106	29746
Doc Date	24-01-2012	
Quote No	Nil	
Quote Date	21-01-2012	
SupplyType	Supply And Installation	

Kind Attn : **M. Uday Kiran/Mr. Rajgopal**

Estimate for the Supply of following Items.

Item Name	Qty	Rate	Dis%	VAT%	Amount
1 5151 - Equipment - other - Solar Panel - 700wp - Nos 1000wp.	1.00	223400.00	0.00	5.00	234570.00
Total Order Value . . .					234570.00

Rupees : Two Lakh(s) Thirty Four Thousand Five Hundred Seventy Only.

Terms and Conditions :-

Specification / Brand	All above items are 'Su-kam' brand only and as per your qtn. dtd.21.01.12. Above price includes 1 no. 2KW PCU(power conditioning units) & Tubular gel cell- 12V 150AH (HBL make) 4 nos.. Price approved by our MD and accepted by supplier.
Payment Terms	20% advance along with W.O., 60% on complete delivery of all materials & bal. 20% on installation, testing & commissioning.
Tax	VAT included in above price.
Delivery Date	As per request of Project Manager
Delivery Location	Nilgiri Homes Sy.No.128, Rampally, Keesara, Hyd. Off main road connecting Rampally X rd to Ghatkesar. Phone. Contact: Security 08415-260410, Admin 9246824538.
Penalty For Delay	Nil
Transportation Cost	Included in the above price.
Warranty	2 years on PCU, 3 years on Batteries & 10+15 years on Modules (Solar Panels) against manufacturing defects.
Advance Paid	Rs. 44680/- vide cheque of HDFC bank
Other Terms	We reserve the right to reject items not conforming to quality and specifications. Above order for Model Villa No. 35 Solar Power system purpose. After 10 days of delivery
Completion Date	Nil
Measurment	Supplier shall be responsible for security and storage of material at site at its risk and cost.
Security	

Accepted the above Terms And Conditions
For **Su-kam Power Systems Limited**

For **Modi & Modi Constructions**
Authorised Signatory

Name :

Name :

Date: 13.02.2012

Comparative Statement of 700 wp and 1000 wp Solar Power Systems

Sl.No.	Description	SOB-VII 700 WP		MnM / KmM 1000WP	
		Qty.	Price	Qty.	Price
1	Solar PV Array	700WP	59500	1000WP	85000
2	Solar PCU 2 KW	1	38000	1	38000
3	Tubular Batter 12V/ 150 AH	4	50000	4	50000
4	Modular Mounting Structure, Mild Steel Powder Coated				
	Structure Array junction box	set	12200	set	15000
5	Installation & Commissioning with Cables & Accessories	Lumpsum	13660	Lumpsum	16762
6	Transportation	Lumpsum	5000	Lumpsum	8000
7	VAT@5%		8918		10638
	Total:		187278		223400

11.0000

(VSC)
700 WP

(New KmM)

$$\frac{59500}{700} \times 1000 =$$

Item 1 - 10 yrs.
2 - 2 yrs.
3 - 3 yrs.

10 yrs.
5 yrs. replace
5 yrs. replace after 4 yrs.

2/3/12

$$\begin{array}{r} 2,23,400 \\ 10,638 \\ \hline 2,12,762 \times 30\% \end{array}$$

$$63,830 =$$

W.O NO 9106 dt 24/1/12

Requisition Form

Company Name:		MNM		Date:	14.01.12
Site & Phase :		Nilgiri Homes		Time:	11:19 AM
Supplier				Req. No.	29746
Material required before date:		22.01.12		ID No.	24927
No	Description	Size	Quantity	Units	
1	Solar powered System	2KV	01	No	
2					
3					
4					
5					
6					
7					
8					
Remarks: For Bw.No 35 solar powered system fixing purpose.					
Prepared By		K.Yadagiri		Approved by	
Sign.& Date				Sign. & Date	

APPROVED BY
73 JAN 2012
SOLAM MODI
MANAGING DIRECTOR

Requisition Form

Company Name:		MNM		Date:	
Site & Phase :		Nilgiri Homes		Time:	
Supplier				Req. No.	
Material required before date:				ID No.	
No	Description	Size	Quantity	Units	
1					
2					
3					
4					
5					
6					
7					
8					
Remarks:..					
Prepared By				Approved by	
Sign.& Date				Sign. & Date	

Note on solar power provision for villas

Date: 18.09.2010

1. Modi Properties is developing about 300 villas across 4 projects. It proposes to provide solar power free of cost as an additional feature for its villas.
2. Solar panel should be of capacity 500 VA and 1000 VA. Comparison of cost vs performance and life of crystalline and amorphous panels is required.
3. A custom made panel board is required with the following features:
 - a. During day time power from solar panel should be supplied directly to the villa through a sin-wave generator.
 - b. Surplus power during day time should be used to charge the battery back-up through a rectifier.
 - c. During the night power must be supplied through the batter back-up to the villa.
 - d. Only when power available through either the solar panels or the battery back-up is in-sufficient, power should be supplied through mains.
 - e. Power through mains should not be used for charging the batteries.
 - f. Protection like reverse current to solar panel, over drawing power from the batteries, etc., must be provided.
4. Battery back up required at full load is 3 hours.
5. Each villa is being provided with 1 KVA generator back-up, for which the 3 phase power is divided as follows:
 - a. One phase is supplied to lights and fans in all rooms - maximum power consumption of about 1 KVA.
 - b. Other 2 phases are used for power sockets, ACs, Geyser and other appliances.

- The solar power connection to be connected to the phase for lights and fans.
6. Quotation required for 500 VA and 1000 VA systems with bifurcation for solar panel, panel board, batteries, solar power stand. Wiring/cabling shall be done by the builder at its cost.