



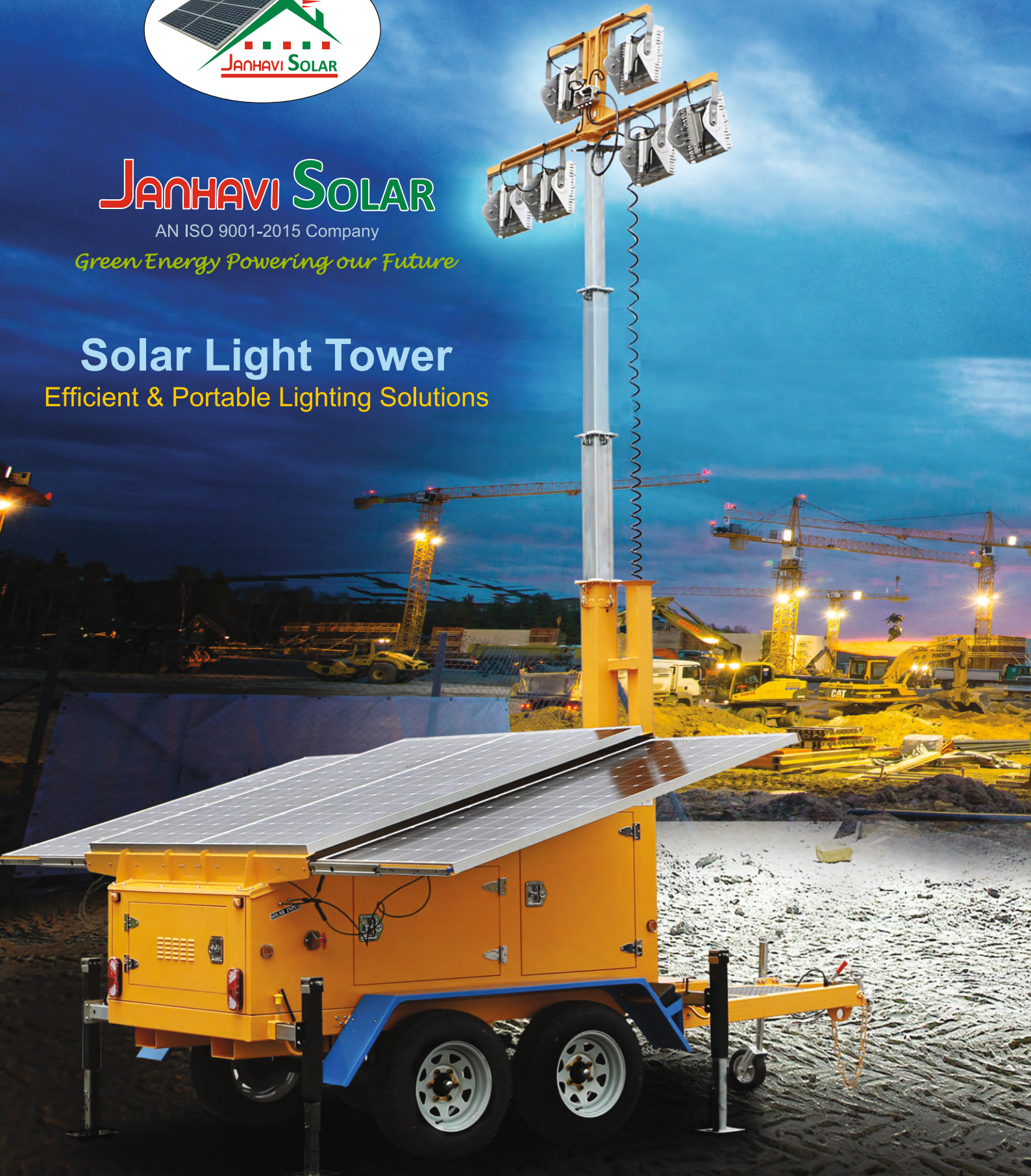
JANHAVI SOLAR

AN ISO 9001-2015 Company

Green Energy Powering our Future

Solar Light Tower

Efficient & Portable Lighting Solutions



Company Profile

Established in 2010, with a factory area of 6,000 square meters, Janhavi Solar is a young and dynamic company committed to manufacturing and marketing high quality solar energy products.

Our Group includes the well established Green PreFab FZE company in UAE handling a wide range of construction, industrial and commercial site products and installations as well as Janhavi Colour Profile Sheet Industries in India dealing with manufacture of specialised profile sheets and execution of custom prefab structures and projects.

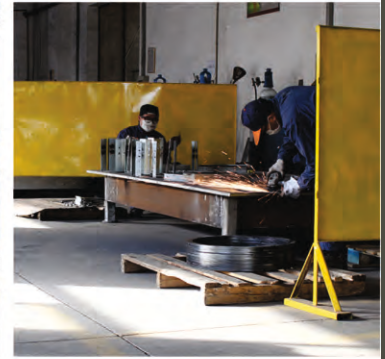
We have exported our products to more than 22 countries across the region, covering GCC, Africa and India.



PRODUCTS



EQUIPMENT



DELIVER GOODS



Our Services

We produce solar light towers, mobile surveillance trailers, trailer parts, telescopic masts etc., having a professional management team with excellent design and development capability and experience. With the help of advanced development tools and technology platforms, we are always ready to provide the best solutions to our customers. Our vision is to supply clean and efficient energy products and with our purpose of innovation to achieve this, we strive to become a top-ranking world renown enterprise.

Janhavi Solar has an in-house facility for production and testing with capacity of over 100 products per month. With strict quality control of the material as well as entire production process we ensure consistent and high product quality output. In addition, we hold adequate stock to provide prompt shipment and pride ourselves for customer-driven efficient pre-sales and effective post-sales service.



Our Products



Model : JSTL900BL



Model : JSTL1200CL



Model : JSTL2400BL



Model : JSSL6ML (A & B)

Janhavi Solar Vs Diesel Powered Light Towers

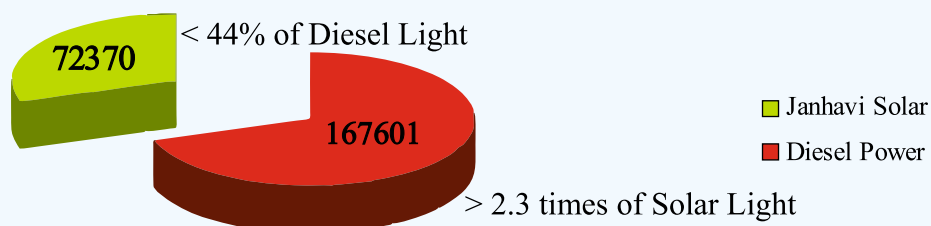
Comparison & Benefits:

Criteria	SOLAR	Diesel (*)	Solar Advantage
Sound	Silent	Constant sound (65 db)	Zero Noise pollution
Environment	Green	Ongoing CO ₂ emission (803 kg pa)	Eco-Responsible
Fuel	Natural, Free Renewable source	Depleting fossil fuel (13140 litres pa)	Clean, Non-oil based energy
Operation	Minimum (26 man-hours pa)	High (365 man-hours pa)	> 90% savings
Maintenance	None	Required	Commission & Forget

(*) - based on a local light tower model powered by an International brand generator

Total Cost of Ownership

(Over 3 years)



Janhavi Solar Light breaks-even in under 16 months (1 year & 4 months) compared to the diesel powered alternative – on a 3 year project-usage calculation

Savings:

Parameters	Janhavi Solar	Diesel (*)	Savings
Fuel	0	110,376	110,376
Operation	1,170	16,425	15,255
Maintenance	0	10,800	10,800
Unit Cost	71,200	30,000	(41,200)
Total	72,370	167,601	95,231

Note: All monetary values are AED || Diesel rate @ AED 2.8 per litre || Labour rate @ AED 15/hr

JSTL900BL

Product Feature:

1. 3*340W solar panels
2. 6*150Ah gel batteries, DC24V system
3. 4*100W LED light
4. Optional 6 to 9 meters manual/electric/hydraulic mast
5. Single axle solar light tower with Australia/ Europe/North America standard



TECHNICAL SPECIFICATION :

Tower Dimensions

Length :	4100mm
Width :	1880mm
Height :	2750mm
Weight :	1440kg

Equipment Details

Trailer Type:	Single Axle
Tire and Rim Size:	15"
Stabilizer Supports :	4xManual
Drawbar :	A Frame
Tow Hitch :	50mm Ball/70mm Ring
Mud Guard / Wheel	
Chock :	Special Design
Backup Generator :	Optional
Working Temp.(°C) :	-35 - 60

Light & Mast Details

Type of Lights:	LED
Lamp Wattage:	100W
No. of lights:	4
Light Output(W):	400
Lumens per Watt:	150
Working Life Time (hr) :	50000
Mast Rotation:	355 Degrees
Light Bar Tilt :	Optional
Mast Raise/ Extension:	Manual/Electric/ Hydraulic
Mast Height(m):	Optional
Coil Cable:	4*4 Sqmm/4*6Sqmm
Wind Rating Speed:	100km/hr

Delivery Details

20 Feet Container :	2 Units
40 Feet Container :	5 Units

Code	Solar Panel (W)	LED (W)	Mast (m)		Battery (Ah)	Generator (kW)	Trailer Standard	
JSTL 900BL	3*340W (Adjustable Angle)	400 (4*100W)	MM (Manual Mast)	6	B900(6*150Ah)	G3 (gasoline 3kW) D3 (diesel 3kW) D5 (diesel 5kW)	AU/ US/ EU	EB (Electric Break) MB (Mechanical Break)
				7.5				
				9				
			EM (Elecric Mast)	6				
				7.5				
				9				
			HM (Hydraulic Mast)	6				
				7.5				
				9				

Order Sample	Code	Mast	Generator	Trailer Standard
	JSTL900BL	EM 7.5	G3	US-EB

JSTL1200CL

Product Feature:

1. 4*340W solar panels
2. 8*150Ah gel batteries
24V system
3. 6*100W LED light
4. Optional 6 to 9 meters manual/electric/
hydraulic mast
5. Single axle solar light tower with
Australia/ Europe/North America standard



TECHNICAL SPECIFICATION :

Tower Dimensions

Length :	4100mm
Width :	2100mm
Height :	2750mm
Weight :	1600kg

Equipment Details

Trailer Type:	Single Axle
Tire and Rim Size:	15"
Stabilizer Supports :	4xManual
Drawbar :	A Frame
Tow Hitch :	50mm Ball/70mm Ring
Mud Guard / Wheel	
Chock :	Special Design
Backup Generator :	Optional
Working Temp.(°C) :	-35 - 60

Light & Mast Details

Type of Lights:	LED
Lamp Wattage:	100W
No. of lights:	6
Light Output(W):	600
Lumens per Watt:	150
Working Life Time (hr) :	50000
Light Bar Rotation:	355 Degrees
Light Bar Tilt :	Optional
Mast Raise/ Extension:	Manual/Electric/ Hydraulic
Mast Height(m):	Optional
Coil Cable:	4*4 Sqmm/4*6 Sqmm
Wind Rating Speed :	100km/hr

Delivery Details

20 Feet Container :	3 Units
40 Feet Container :	6 Units

Code	Solar Panel (W)	LED (W)	Mast (m)		Battery (Ah)	Generator (kW)	Trailer Standard	
JSTL 1200CL	4*340W (Adjustable Angle)	600 (6*100W)	MM (Manual Mast)	6	B1200(8*150Ah)	(Optional) G3 (gasoline 3kW) D3 (diesel 3kW) D5 (diesel 5kW)	AU/ US/ EU	EB (Electric Brake) MB (Mechanical Brake)
				7.5				
				9				
			EM (Electric Mast)	6				
				7.5				
				9				
			HM (Hydraulic Mast)	6				
				7.5				
				9				

Order Sample	Code	Mast	Generator	Trailer Standard
	JSTL1200CL	EM 9	G3	US-EB

JSTL2400BL

Product Feature:

1. 8*340W solar panels
2. 16*150Ah/ gel batteries
DC24V system
3. 8*100W LED light
4. Optional 6 to 9 meters manual/electric/
hydraulic mast
5. Dual axle solar light tower with
Australia/ Europe/North America standard



TECHNICAL SPECIFICATION :

Tower Dimensions

Length :	4850mm
Width :	2150mm
Height :	2750mm
Weight :	2460kg

Equipment Details

Trailer Type:	Dual Axle
Tire and Rim Size:	15"
Stabilizer Supports :	4xManual
Drawbar :	A Frame
Tow Hitch :	50mm Ball/70mm Ring
Mud Guard / Wheel	
Chock :	Special Design
Backup Generator :	Optional
Working Temp.(°C) :	-35 - 60

Light & Mast Details

Type of Lights:	LED
Lamp Wattage:	100W
No. of lights:	8
Light Output(W):	800
Lumens per Watt:	150
Working Life Time (hr) :	50000
Light Bar Rotation:	355 Degrees
Light Bar Tilt :	Optional
Mast Raise/ Extension:	Manual/Electric/ Hydraulic
Mast Height(m):	Optional
Coil Cable:	4*4 Sqmm/4*6Sqmm
Wind Rating Speed:	100km/hr

Delivery Details

20 Feet Container :	1 Unit
40 Feet Container :	3 Units

Code	Solar Panel (W)	LED (W)	Mast (m)		Battery (Ah)	Generator (kW)	Trailer Standard	
JSTL 2400BL	8*340W (Adjustable Angle)	800 (8*100W)	MM (Manual Mast)	6	B2400(16*150Ah)	G3 (gasoline 3kW) D3 (diesel 3kW) D5 (diesel 5kW)	AU/ US/ EU	EB (Electric Break) MB (Mechanical Break)
				7.5				
				9				
			EM (Electric Mast)	6				
				7.5				
				9				
			HM (Hydraulic Mast)	6				
				7.5				
				9				

Order Sample	Code	Mast	Generator	Trailer Standard
	JSTL2400BL	EM 9	G3	US-EB

JSSL6ML

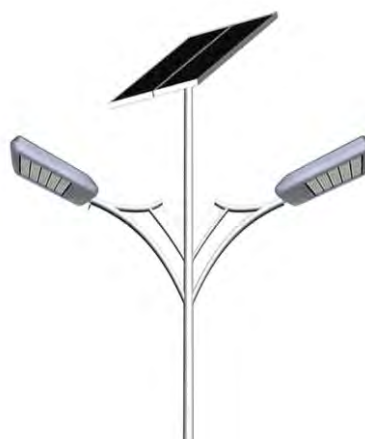
Product Feature:

1. 1*100W solar panels
2. 1*80Ah/ gel batteries
DC24V system
3. 2*30W/1*60 W LED light
4. Optional 6 to 8 meters height
pole. MS powder coated.

TECHNICAL SPECIFICATION :

Pole Dimensions

Pole Height :	6/8 Meter
Length :	6 meter
Diameter :	114 mm
Thickness :	5 mm
Weight :	90 kg
Light Power :	DC High Power LED - 56 W/12V
Light Colour :	Pure White 6000-6500k.
Lumen :	25 LM
Lamp Body :	Aluminum
Energy Saving :	High Energy Efficient Long Life
Light Source :	High Efficient Power LED Dip LED Bead 28 Pcs / Set
Working Life :	25000 Hrs.
LED Drive :	Auto Protection Save Energy DC Light Drive
Light Cooling :	Aluminum Body Cooling



Order Sample	Code	LED	Battery	Pole Standard
	JSSL6ML	100	B80	6M

Our Group Companies & Portfolio Showcase

GREEN PREFAB FZE



Security Cabin - Abu Dhabi Airport ▲

Wooden Security Cabin: H.H. Crown Prince Villa ▶



PVC Tent - ▶ Meydan 1 Mall



Staff Camp ▶



Resort-Janhavi Lake City, Lavasa-Pune ▼



Farm House-Kerala ▼



JANHAVI READYMADE HOME



Luxury Resort Cottage ▲



Police Station ▲

Some of our Esteemed Clients



هيئة الشارقة
للاستثمار والتطوير
SHARJAH INVESTMENT AND
DEVELOPMENT AUTHORITY





JANHAVI SOLAR

AN ISO 9001-2015 Company

Green Energy Powering our Future



ISO 9001-2015 : LMS Registered

Manufactured by :

Janhavi Colour Profile Sheets Industries,
At./Po. : Koregaon-Bhima, Tal. Shirur, Dist. Pune.
State : Maharashtra. INDIA.
Contact No.: +91 - 8446615200

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