

# ALSA SOLAR LIGHT TOWER



نحصد الشمس!

Harvest the Sun!

# LET THERE BE LIGHT!

THE ALSA SOLAR LIGHT TOWER BY ALSA SOLAR SYSTEMS LLC OFFERS A **COMPETITIVE**, **ECO-FRIENDLY**, AND **RELIABLE** SOLUTION FOR ALL YOUR OUTDOOR LIGHTING NEEDS.

AVAILABLE FOR **RENT**, **PURCHASE**, OR **FINANCE**, ALSA SOLAR LIGHT TOWERS **COST LESS THAN DIESEL** ALTERNATIVES AND MAKE OUTDOOR LIGHTING HASSLE-FREE.



Solar Light Tower Launch – GulfSol 2015



# APPLICATIONS

## Alsa Solar Offers a Direct Replacement of Diesel-Generator Light Towers

- Outdoor Exhibitions & Events
- Construction Sites & Road Construction
- Sporting Events & Hospitality
- Disaster Relief
- Suited for Military Use
- Security Points & Checkpoints
- Off-grid Locations & Camping
- Oil & Gas Applications
- Desert Camps



### INNOVATIVE SOLAR LIGHT

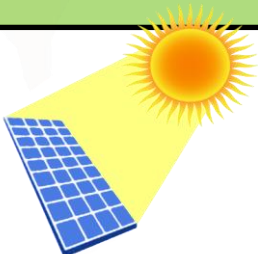
vs.



### TRADITIONAL DIESEL-GENERATOR

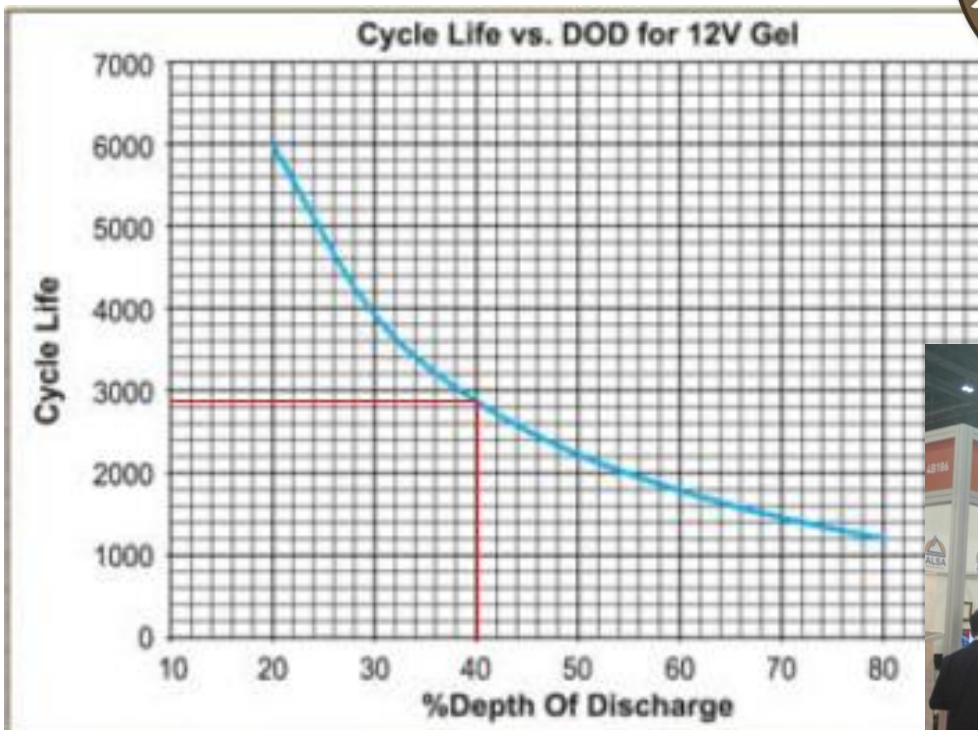
- Cost-Effective
- Eco-Friendly
- Easy Transportation & Operation
- Reliable & Robust System
- Silent & No Fumes
- Maintenance-Free Long Life
- No Refueling Required

- Expensive to Operate
- Environmental Hazard
- Heavy, Difficult to Transport
- Noisy – Disturbs Atmosphere
- Smelly Exhaust Fumes
- Regular Maintenance
- Refuel Every 5-6 Days



# FEATURES

- ✓ 1 Year Warranty
- ✓ No Running Costs
- ✓ Robust design for off-road use
- ✓ Silent Operation
- ✓ 48-hour power backup
- ✓ Maintenance-free
- ✓ 100% Eco-Friendly
- ✓ Long-term Reliability (LED Life >10 Years, Battery Life >7 years)
- ✓ Winch-Operated Telescopic Mast Up To 9.5 meters
- ✓ 360° lighting
- ✓ User Control of Output Lighting Power
- ✓ Easy Transportation and Operation
- ✓ Built for Harsh Environments
- ✓ Water-proof, Dust-proof, and Fire-proof



Battery life > 7 Years



# SPECIFICATIONS

Specification		Model	
		SLT400W	SLT800W
<b>Lighting</b>	Light Source	4 x 100W LED Floodlights	4 x 200W LED Floodlights
	User Control of Output Lighting Power	200W & 400W	400W & 800W
	Beam Angle	120°	120°
	Lighting Rotation	360°	360°
	Luminous Flux	≥40,000 lm	≥80,000 lm
	IP Rating	IP-65	IP-65
<b>Mast</b>	Mast Height - Minimum	2.5m	2.5m
	Mast Height - Maximum	9.5m	9.5m
	Telescoping Mechanism	Winch-Operated, Manual	Winch-Operated, Manual
<b>Solar Panels</b>	Solar Panel Type	4 x 350W High-Efficiency Monocrystalline PV Panels	4 x 350W High-Efficiency Monocrystalline PV Panels
	Solar Panel Power	1400W	1400W
	Solar Panel Set-Up	Simple Slide & Lock Mechanism – 1 Person Operation	
<b>Battery Bank</b>	Battery Type	200Ah 24V Sealed VRLA Gel Battery	200Ah 24V Sealed VRLA Gel Battery
	Expected Battery Life	2600 Cycles (7 years)	2600 Cycles (7 years)
	Battery Bank Capacity	6 x 200Ah	6 x 200 Ah
	Hours of Operation	12 hours	8 hours at 800W 12 hours at 400W
<b>Controllers</b>	Charge Controller	MPPT-45, 24V	MPPT-45, 24V
	Load Controller	Yes	Yes
<b>Trailer</b>	Body Material	Steel	Steel
	Body Treatment	Galvanized and Powdercoated	Galvanized and Powdercoated
	Protection	Water-Proof, Fire-Proof, Dust-Proof	Water-Proof, Fire-Proof, Dust-Proof
	Trailer Dimensions	3000 x 2100 x 2500 mm	3000 x 2100 x 2500 mm
	Stabilizing Support	4 x Retractable Outriggers	4 x Retractable Outriggers
	Rim Size	14"	14"
	Method of Transport	Towable	Towable
	Offroad Capable	Yes	Yes
<b>Weight</b>		612 kg	710 kg
<b>Warranty</b>		1 Year	1 Year

# CONTACT US

## Alsa Solar Systems LLC

Office 117, Building 3

Masdar City, Abu Dhabi

P.O Box 7993, Abu Dhabi (UAE)

+971 2 665 4435

[alsasolar@alsatech.ae](mailto:alsasolar@alsatech.ae),

<http://www.alsasolar.ae/>

## Sales Manager

Ramesh Nair

+971 50 441 3941

[sales@alsasolar.ae](mailto:sales@alsasolar.ae)

## Location Map

