LIGHT TOWER CATALOG

- Solar Light Tower
- Diesel Light Tower
- Portable Light Tower









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Looking forward to get in touch with you.

Lighting for us is not a Job it is a Passion

We are not just a company, we are unique solution provider that aims the satisfaction of their clients in every step of the project. We combine the experience with art and engineering to provide a solution that meets the clients requirements.

With the help of our high qualified staff, we provide lighting service from A to Z in all manners starting from the lighting design and the products selection, going through the logistic and martial handling until the installation part.

SOLAR LIGHT TOWER



Item	Description	ALROUFBL4P- G9MHL1000- B		ALROUFBL8P	- G9MHL1000
LED Light	Qty of Lights	4		4	
	Light Wattage	250W (Equivalent to 500W MH)		250W (Equivalent to 500W MH)	
	Light Output	1000W (Equivalent to 2000W MH)		1000W (Equivalent to 2000W MH)	
	Luminous Flux	150000 LM		150000 LM	
	Other Function	Dimmable function with switch and timer		Dimmable function with switch and timer	
Mast	Mast Lifting Type	Manual / Automatic		Manual / Automatic	
	Height of Mast	8.3 m / from ground to top 9 meter		8.3 m / from ground to top 9 meter	
	Section of Mast	5		5	
	Material	Carbon Steel Q235		Carbon Steel	
	Surface treatment	Galvo	ınized	Galvanized	
	Shape	Squ	are	Square	
Solar Panels	Qty of Solar Panel	4		8	
	Panel Power(W)	435		460	
	Panel Output(W)	1740		3680	
	Material	Monocrys	tal Silicon	Monocrystal	
	Angle Adjustment Mode	Fixed Angle		Electric	
Battery	Mast lifting	Manual lifting	Automatic lifting	Manual lifting	Automatic lifting
	Battery rating	Gel 14400 Wh, 24V	Li 19200 Wh, 48V	Gel 19200 Wh, 48V	Li 19200 Wh, 48V
	Charging time / Backup	8-9 Hrs / 10-12 Hrs	200AH	4 Hrs / 14-15 Hrs	4 Hrs / 14-15 Hrs
	Total Capacity	14400Wh	19200Wh	19200Wh	19200Wh
	Voltage:	DC 24V Gel Battery	DC 48V Li Battery	DC 48V Li Battery	DC 48V Li Battery
Controller	ontroller Type 60A MPPT		MPPT	80A MPPT	
	Brand	Epever		Epever	
	Remote Control	Without		Without	
Backup		Without	Without	Without	Without
Generator					
Auto start	hybrid system	Included		Included	
Charger	Power	2.5kw		2.5kw	
Trailer Details	Axle	Single		Dual	
	Tire and Rim Size	185/70 R14 79H		185/70 R14	
	Outrigger	4*Manual		4*Manual	
	Standard	US		US	
	Color	White		White	
Tower	Tow Hitch	Ball Type		Ball Type	
	L*W*H(mm) Shipping	2650*1750*2200		2600*2300*23	
Dimensions	L*W*H(mm) Transporting	3550*1750*2500		3700*2300*25	
	L*W*H(mm) Operating	5500*3400*9000		4700*6500*90	
	Weight(kg) 1550 1400		1400	2300	2100

Item	Description	ALROUFUST-900	ALROUFUST-900 L	
LED Light	Qty of Lights	4	4	
	Light Wattage	100W (Equivalent to 250W MH)	100W (Equivalent to 250W MH)	
	Light Output	400W (Equivalent to 1000W MH)	400W (Equivalent to 1000W MH)	
	Luminous Flux & Protection	68000 LM, IP67	68000 LM, IP67	
	Rotation	Smart-Lighting Rotation: 360°, Tilt: 90°	Smart-Lighting Rotation: 360°, Tilt: 90°	
Mast	Mast Lifting Type	Manual Winch Lifting, 70kg Load, 117kph	Manual Winch Lifting, 70kg Load, 117kph	
	Height of Mast	6.5 m	6.5 m	
	Section of Mast	5	5	
	Material	Carbon Steel Q235	Carbon Steel Q235	
	Surface treatment	Galvanized	Galvanized	
	Туре	Square Telescopic	Square Telescopic	
Solar Panels	Qty of Solar Panel	3	3	
	Panel Power(W)	435	435	
	Panel Output(W)	1305	1305	
	Material	Monocrystal Silicon	Monocrystal Silicon	
	Angle Adjustment Mode	Electric	Electric	
Battery	Type of Battery	Gel	Lithium Iron Phosphate	
	The qty of Battery	4	1	
	Capacity	200AH, DC 12V	460AH, DC 25.6V	
	Total Capacity	9600Wh	11776Wh, 6000 Cycles	
	System Voltage:	DC 24V	25.6V	
Controller	Туре	60A MPPT	60A MPPT	
	Efficiency	95%	95%	
	Charging Time	5.9 hours	7.8 hours	
Backup	Running Time	18.2 hours	24.3 hours	
Auto start	hybrid system	Included	Included	
Charger	Power	2.5kw	2.5kw	
Trailer Details	Axle	Single	Single	
	Protection	Anti-Corrosion Powder & Windproof Wire rope	Anti-Corrosion Powder & Windproof Wire rope	
	Outrigger	Manual	Manual	
	Standard	US	US	
	Color	White	White	
	Tow Hitch	Ball Type	Ball Type	
Tower	L*W*H(mm) Shipping	2200*1450*1280	2200*1630*2200	
Dimensions	L*W*H(mm) Transporting	2410*1450*2500	2430*1630*2950	
	L*W*H(mm) Operating	2900*3620*7200	3510*3620*7400	
	Weight(kg)	1300	1250	

Power full Solar Hybrid Light Tower

These Solar Hybrid Light Tower provide an independent light source, are excellent pieces of equipment for a variety of different applications such as construction, mining, agricultural and industrial sectors and more. High bright light fixtures top a variable-height mast, powered by Solar generator. The units are quite stable and can withstand the tough environments

Features of Our Items

Multi-directionally adjustable and tiltable floodlights

7 sections vertical tower 8.5 m, 340° rotatable

Galvanized metalworks

80 µm powder coating

Transversal forklift pockets for effective handling

Plug & play, colour coded cables and connectors

Guided main coiled cable to avoid damage during tower operation

Certified wind stability up to 110 km/h

4 height adjustable stabilizers + front jockey wheel

On board levels for guidance during stabilization

Running time before refill 3000 hours

24volt DC Battery

Recharging in 18 hours

230V IPH Battery charger built-in

Product General Features



Pull-Out Solar Panel

- Protect panel to extend life time
- Smaller size, easier transportation
- Smaller size, saving shipping cost.



Ac/Dc Outlet

The system is equipped with inverter and outlet plug to charge other electronics



Fork Lift Hole

- Easier transportation
- Save labor cost
- Design for rental

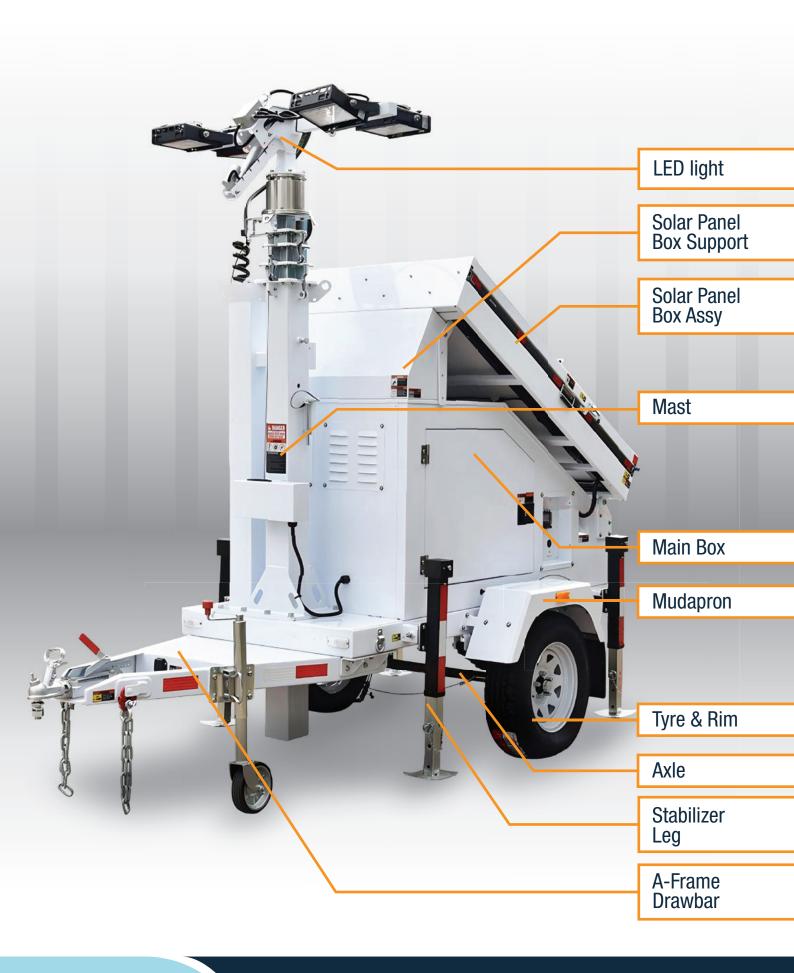


ISO 9001-2015 QMS

Two Door Each Side

- Easier maintenance
- Friendly using design
- Good ventilation

ABOUT SOLAR LIGHT TOWER



DIESEL LIGHT TOWER

ALROUF4000 light towers go WHEREVER you need them. These mobile units are offered in a variety of configurations with options to meet every need. The solid trailer design, powder-coated enclosure and wide body design are built to stand up to the harsheet of conditions. That includes remote locations and rugged terrain.



These vertical mast light towers come standard with an manual winch for easy deployment. Standard analog controls are easy to use and allow for individual light operation. Upgrade to the fully programmable Deepsea controller with auto start/stop and dusk-to-down sensor.

Robust

Versatile

Easy to Use



Robust

- Proven performance in extreme environments
- Durable steal frame and enclosure
- Powerful LED or optional metal halide bulbs

Versatile

- Fully adjustable mast and fixtures
- Transport via tow hitch or fork pockets
- AC 220V output socket for jobsite power needs

Easy to use

- Ground adjustable mast and fixtures
 no tools necessary
- Standard UK Deepsea DSE4520 controller for programmable start and stop

APPLICATIONS

- Commercial Construction
- Infrastructure / Roadwork
- Oil and Gas Sites
- Military Operations
- Open Mining
- Base Camps
- Outdoor Events

FEATURES

Durable LED Luminations

Mast

ON/OFF Switch for Each Luminaire

Heavy-Duty Steel Enclosure

4-Point Outriggers

Large Fuel Tank

Convenience Receptacles

Quick Drain Fast | Clean | Efficient

A streamlined oil change process:

- Convenient no need to reach under machines
- Purges & extracts from the sump
- Evacuates the sump directly to final containment via zero leak quick disconnect
- No spills, dripping filters, drain pans or intermediate containers needed
- Completes engine oil and filter change in less than 10 minutes.
- Improve scheduling of assets and reduce downtime.

Note: Customer has to have the hardware to utilize the RPM system.

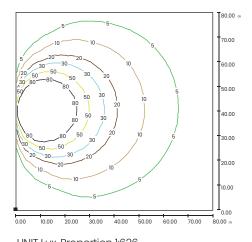
Standard UK Deepsea DSE45250 Controller

- Large, easy-to-read, backlit color display
- One-touch manual start with individual light controls
- Dusk-to-dawn sensor or 7-dy scheduler automatically starts and stops the unit each day
- Programmable service reminders for custom alerts
- Comprehensive warnings protect the operator and equipment
- Telemetry interfacing for remote monitoring





DESCRIPTION	ALROUFG4000PMH	ALROUFG4000LMH
Light	4x1000w METAL HALIDE	4x1000w METAL HALIDE
Fuel / Power Source	Diesel	Diesel
Engine	Perkins	Laidong
Engine Model	403D-11G	KM385BD
Displacement (L)	1.1	1.532
Cylinders	3	3
Mast Type	Vertical	Vertical
Mast Sections	5	5
Mast Height FT (M)	30FT (9M)	30FT (9M)
Standard Winch	MANUAL	MANUAL
Continuous Power (Max KW)	7KW	8KW
Sound Db	68	71
Luminaire Expected Life Span (Hr)	1000	1000
Auto On/off	Optional	Optional
Dust To Dawn Sensor	Optional	Optional
Electrical Outlets	(1) 120V 20A duplex	(1) 120V 20A duplex
	(1) 120/240V 30A	(1) 120/240V 30A
Dimention (MM)	3035*1488*3327	3035*1488*3327
Weight (Kgs)	1280	1320



METAL HALIDE LIGHT TOWER COVERAGE

30FT (9M) MAST HEIGHT, 4x1000W METAL HALIDE FIXTURES@20 DEGREE TILT

DIESEL LIGHT TOWER

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These vertical mast light towers come standard with an manual winch for easy deployment. Standard analog controls are easy to use and allow for individual light operation. Upgrade to the fully programmable Deepsea controller with auto start/stop and dusk-to-down sensor.

Robust

Versatile

Easy to Use



Robust

- Proven performance in extreme environments
- · Durable steal frame and enclosure
- Powerful LED or optional metal halide bulbs

Versatile

- Fully adjustable mast and fixtures
- Transport via tow hitch or fork pockets
- AC 220V output socket for jobsite power needs

Easy to use

- Ground adjustable mast and fixtures
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APPLICATIONS

- Commercial Construction
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FEATURES

Durable LED Luminations

Mast

ON/OFF Switch for Each Luminaire

Heavy-Duty Steel Enclosure

4-Point Outriggers

Large Fuel Tank

Convenience Receptacles

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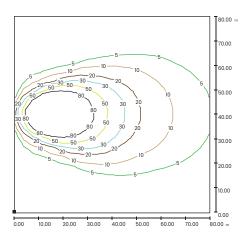
Standard UK Deepsea DSE45250 Controller

- Large, easy-to-read, backlit color display
- One-touch manual start with individual light controls
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- Programmable service reminders for custom alerts
- Comprehensive warnings protect the operator and equipment
- Telemetry interfacing for remote monitoring





DESCRIPTION	ALROUFG4000PLED	ALROUF4000LLED
Light	4x350w LED (Equivalent to 4X1000W MH)	4x350w LED (Equivalent to 4X1000W MH)
Fuel / Power Source	Diesel	Diesel
Engine	Perkins	Laidong
Engine Model	403D-11G	KM385BD
Displacement (L)	1.1	1.532
Cylinders	3	3
Mast Type	Vertical	Vertical
Mast Sections	5	5
Mast Height FT (M)	30FT (9M)	30FT (9M)
Standard Winch	MANUAL	MANUAL
Continuous Power (Max KW)	7KW	8KW
Sound Db	68	71
Luminaire Expected Life Span (Hr)	50000	50000
Auto On/off	Optional	Optional
Dust To Dawn Sensor	Optional	Optional
Electrical Outlets	(1) 120V 20A duplex	(1) 120V 20A duplex
	(1) 120/240V 30A	(1) 120/240V 30A
Dimention (MM)	3035*1488*3220	3035*1488*3220
Weight (Kgs)	1250	1280



UNIT Lux, Proportion 1:626

LED LIGHT TOWER COVERAGE

30 FT (9M) MAST HEIGHT, 4x350W LED FIXTURES@20 DEGREE TILT



350W LED

1000W Metal Halide

Degradation

3% @ 10,000 hrs / 30% @ 50,000 hrs

Degradation

50% @ 10,000 hrs

Replacement

Expected LED life span more than 10 years / 50,000 hours

Replacement

Rental companies estimate every, 1,000 hours

Warranty

2 years*

Bulbs are replaced at customer's expense and labor

Warranty

5 Years

Limited warranty on fixtures; includes modules, drivers and cords

PUT YOUR TRUIN THE MOST

PROFESSIONAL LIGHT TOWER MANUFACTURER

We lead the industry with innovative and revolutionary light tower solutions. Easy to setup, operate and maintain, our light towers provide maximum power in a minimal footprint. With extended run times and service intervals, LED safety features, innovative engine technologies and programmable controls, our products can be trusted to maximize uptime and return on your investment.



PORTABLE LIGHT TOWER







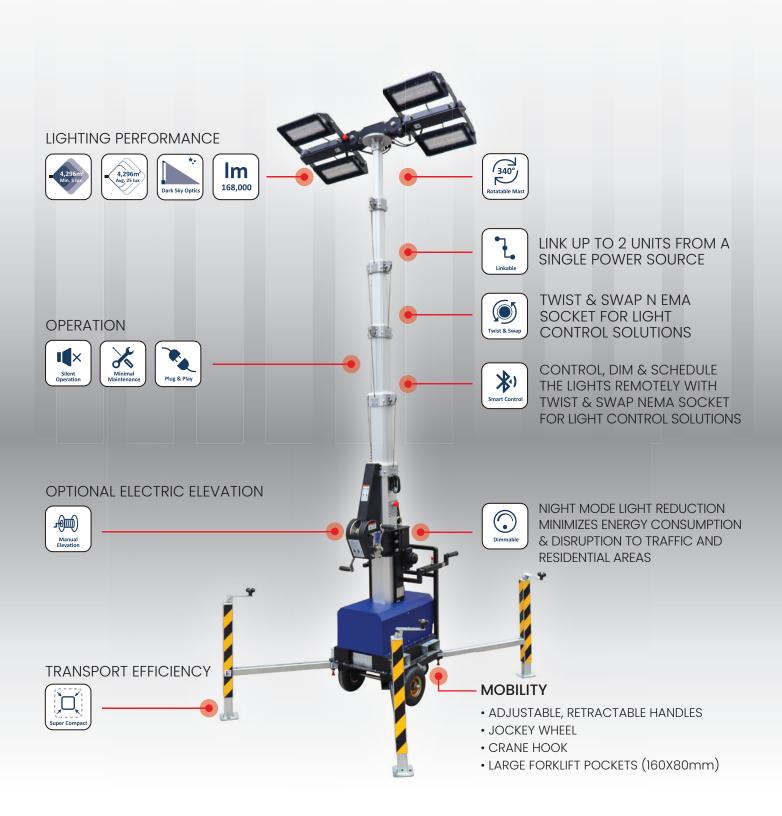
Next Generation

High Performance

Low Carbon Footprint

NEXT GENERATION MOBILE LIGHT TOWER

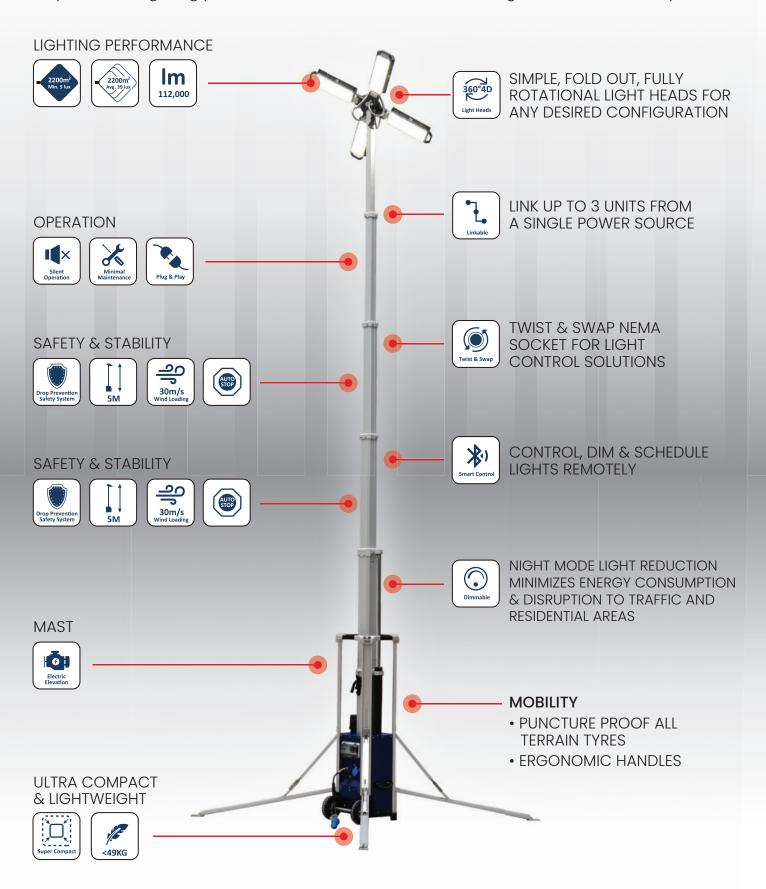
AlROUFMLT-1K2 & AlROUFMLT-1K2-E easily replaces diesel driven light towers with much less weight and a fraction of the energy required, delivering low glare, brilliant light coverage in half the size of standard light towers.





HIGH PERFORMANCE LIGHTING, LOW CARBON FOOTPRINT

Designed from the ground up, ALROUFPLT-800 is optimized for LED, delivering an unparalleled lighting performance from a robust, 5-meter light tower that fits in your car.



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ISO 9001-2015 QMS

Item	Description	AR-MLT-1200-1685	AR-PTS-800-1125K
Model	Model No.	AIROUFMLT-1K2-M (Manual Elevation)	ALROUFPLT-800
		AIROUFMLT-1K2-E (Electric Elevation)	
Performance	Illuminated Surface	4296 m2	2200 m2
	System Power	1,200W	800 W
	Luminous Flux	168,000 lm	112,000 lm
	Lumen/W	140	140
	Beam Profile	-	60x60 (adjustable)
	Color Temperature (CCT)	5000K	5000K
Electrical	Operating Voltage	220-240VAC/50Hz	100VAC 50/60Hz
	Power Factor	>0.92	>0.92
	Electrical Class	Class I	Class I
	Protection	Over Voltage, Over Temperature, Short Circuit	Over Voltage,Over Temperature, Short Circuit
	Dimmable	Yes	Yes
	Input Plug	CEE 230V	-
	Output Socket	Schuko 230V (optional)	-
Environmental	Ambient Operating Temp. Range	-30QC to +4SQC	-30°C to +45°C
	Storage Temp. Range	-40QC to +80QC	-40°C to +80°C
	I K class	IK08	IK08
	IP class	IP65 (lighting)/ IP54 (chassis)	IP65 (lighting) / IP54 (chassis)
	Noise Emissions	< 5 dB(A)	< 5 dB(A)
Physical	Fully extended height	7.1 meters	5.1 meters
	Elevation system	Manual (Electric optional)	Electric
	Mast Rotation	340°	340°
	Mobility	Forklift pockets, crane hook, handles	By hand / crane / forklift
	Dimensions (min.)	788 x 658 x 2046 mm	358 x 427 x 1200 mm
	Dimensions (max.)	1455 x 1752 x 6930 mm	1640 x 1640 x 5100 mm
	Wind Resistance	30 m/s	30 m/s
	Housing Finish	UV stabilised powder coating	UV stabilised powder coating
	Weight	217kg	49kg
Approvals	Certifications	CE	PSE
	Service life L80 B50 (LED)	>100,000 h	>100,000 h









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