





## **Lighting Tower**













4 0 0 8 0 0 2 8 7 1 +86 13917570706 +86 25-56231571 Jiangsu Ruiying Machinery Manufacture Co.,Ltd W W W . r u i y i n g p o w e r . c o m

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## Company Profiles

Jiangsu Ruiying Machinery Manufacture Co., LTD. (hereinafter referred to as "Realwin"), established in 2003, is a high-tech enterprise focusing on the field of machinery manufacturing. The company is headquartered in Shanghai, China's economic and financial center, and the production base is located in Nanjing, which has a long history and strong industrial foundation. With more than 20 years of technology accumulation and market cultivation, Realwin Manufacture has developed into a leading machinery manufacturing enterprise in the industry, and its products are exported to many countries and regions around the world, deeply trusted by customers.

One of the company's main businesses is the development, production and sales of mobile light fower. As an efficient and convenient lighting equipment, mobile light fower is widely used in oil fields, mines, farms, large event venues and other places requiring high intensity lighting. Mobile light tower products are mainly divided into two categories: non-explosion-proof and explosion-proof light towers. The non-explosion-proof light tower is suitable for lighting in general environment, with high brightness, low energy consumption, easy operation and so on. The explosion-proof light tower is designed for flammable and explosive environment, using explosion-proof parts and special echnology to ensure the safe use in dangerous places such as oil fields and mines. The two types of lighthouses can be subdivided into diesel powered light tower, solar towered light tower. There are two kinds of lifting modes: hydraulic lifting and manual lifting.

The mobile light tower manufactured by Realwin not only occupy an important position in the domestic market, but also are exported to many countries and regions such as Southeast Asia (Philippines, Indonesia, Thailand and Malaysia, etc.), Africa (Nigeria, Ethiopia, South Africa and Algeria, etc.), the Middle East (Saudi Arabia, UAE and Kuwait, etc.) and South America (Chile and Colombia, etc.). Customers in these countries and regions not only recognize the quality of our products, but also give high praise to its after-sales service and technical support.

In addition to mobile light tower products, the company is also committed to the development and production of pump units and generator sets. Pump unit series products cover a variety of models and specifications, suitable for agricultural irrigation, urban water supply, industrial drainage and other fields; Generator set series products include diesel generator set, gasoline generator set, etc., the power range covers 2kw-2000kw, widely used in construction sites, data centers, hospitals and other places that need backup power. These two products, together with mobile light tower, form the company's diversified product line to meet the needs of customers in different scenarios.

Looking forward to the future, Realwin will continue to adhere to technological innovation and quality improvement, continue to expand domestic and foreign markets, to provide customers with better quality products and services. At the same time, the company will also actively fulfill its social responsibility, promote the progress of the industry, and contribute to the realization of sustainable development. Realwin is willing to work together with global customers to create a better future!



## LIGHT TOWER EQUIPMENT PIONEERS More Trusted By Users

Focus Lighting / Drainage / Power Generator for 25 years





evelopment







Ruiying products won several national patent technology, passed the ISO9001:2016 international quality management system certification, CE certification, passed the SGS certification, environmental management certification, occupation health certification, and won the award for the national famous quality products, in 2020 won the title of "national high and new technology enterprise, in 2022 won the provincial private technology enterprises, enjoys a high reputation in the industry.

Patent for invention and the software works: more than 310 in total





## roductive Capacity

## 30000 m² of factory area Provincial High-tech enterprises

- Modern standard workshop
- Adopt first-class professional sheet metal processing equipment
   Perfect CRM inventory management system





# roductive Capacity

Design and manufacture products with specific specifications

# Digital management production and development base - Lighting tower equipment

The company has a first-class product research and development team and supporting professional production and processing equipment, using Soildworks, UG three-dimensional structure digital model design, fully adopting the engineering and technical standards and national standards specified by the supporting main engine factory.



Service System

Realwin Manufacture -

Made in China, the pioneer of light tower equipment, enjoys a global reputation, more trusted by users.

Committed to

providing customers with "efficient, reliable and intelligent" light tower equipment and lighting solutions.

Realwin offers flexible training and remote technical support to international customers.

REALWIN

Professional and fast technical, spare parts and after-sales service support.

24-hour global service hotline:

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E-mall: ruiying@cnriyi.net

After the installation

and commissioning of the equipment qualified 12 months or accumulated work within 1000 hours (whichever is the first) enjoy free warranty service.









## **Lighting Tower**

Realwin light tower, A small sun that never sets

The Realwin Ligh tower is designed for extreme environments, It uses high-brightness LED or metal halogen lamps with a coverage radius of up to 50-200 meters, which can meet the needs of various working conditions at night or in dim environments.

ealwin light tower supports the combination f multiple lamp heads to achieve 360° noead Angle lighting within 10 minutes, overing an area of 3 standard football fields. Whether it is late night repair of oil pipelines, or arthquake disaster areas and other working on ditions can be continuous 20 hours of hinterrupted work, it can provide reliable light ource support, greatly improve the efficiency and safety of work.



### Design satisfactory models according to customer needs, customized products









Applicable to all fields of lighting conditions

## Standard

ur product Type

light tower series







RY-J7-NLT series
Mobile dissel-powered light lower









light tower series































Mobile solar light tower (hydraulic lifting type)

## energy conservation and environmental protection









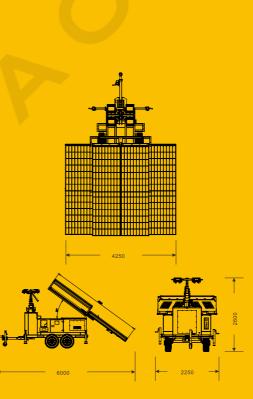












### RY-600SLT series Mobile solar light tower (hydraulic lifting type)

### Product usage:

- Fields, mines, farms, etc
- Accident handling and rescue and disaster relief and other conditions

### Parameter Configuration:

Model	RY-600SLT
Туре	Solar energy
Lamp Pole Lifting Method	Hydraulic lifting
Maximum Height	9m
Battery Fully Charged Time	10h
Battery Life	24h
Minimum Size (during transportation) I * w* h	3300*2250*2600mm
maximum (during operation)   * w* h	6000*4250*9500mm
Unit weight	2200kg

Solar Panels	
Total Power Of Solar Panels	3200W
Number Of Solar Panels	8*400W
Working Voltage	48VDC
Solar Panel Deployment Method	Hydraulic

## **Energy Storage**

Lamp Pole		
Type	Hydraulic lifting	
Number Of Sections	9	
Irradiation Angle	Horizontal 355 ° manual/Vertical 90 ° electric	
Double Safety Lock	Standard configuration	

Lamp		
Туре	LED	
Number Of Lamp	4*150W	
Total Lumens	4*22500=90000Lm	
Inverter		

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Final Assembly	
Box	Mute type
Mobile Chassis	Dual axle four-wheel trailer
Tail Lights And Reflectors	Standard configuration
Tire Size	185R14C
Manual Leg Support	4*0.9T
Lifting Point	Standard configuration

Electrical Control	
Auxiliary Input Plug	32A/220VAC
Lamp Control	Lamps can be independently controlled
Sunshine Induction Control	Standard configuration
0.00	

LED(4X100W)/(4X80W)
Backup 3kW Gasoline Variable Frequency Generator Set



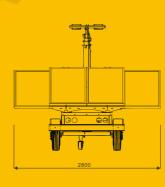
Mobile solar light tower (manual lifting type)

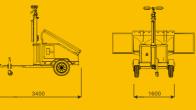
## energy conservation and environmental protection











### RY-320SLT series Mobile solar light tower (manual lifting type)

### Product usage:

- Fields, mines, farms, etc
- Accident handling and rescue and disaster relief and other conditions

Basic Parameters		
Model	RY-320SLT	
Туре	Solar energy	
Lamp Pole Lifting Method	Hydraulic lifting	
Maximum Height	7.2m	
Battery Fully Charged Time	10h	
Battery Life	24h	
Minimum Size (during transportation) I * w* h	2200*1600*2500mm	
maximum Size (during operation) I * w* h	3400*2800*7500mm	
Unit weight	650kg	

Solar Panels		
Total Power Of Solar Panels	1120W	Ī
Number Of Solar Panels	4*280W	ĺ
Working Voltage	50VDC	ĺ
Solar Panel Deployment Method	Hydraulic	ľ

Energy Storage		
Battery Type	Energy storage lithium battery	
Total Capacity	240AH	
Working Voltage	24VDC	
Characteristic	Sliding rail installation, easy to remove	

Lamp Pole		
Туре	Hand-cranked	
Number Of Sections	7	
Irradiation Angle	Horizontal 355 ° manual/Vertical 90 ° electric	
Double Safety Lock	Standard configuration	

Lamp		
Type	LED	
Number Of Lamp	4*80W	
Total Lumens	4*12000=48000Lm	
Inverter		
Type	MTTP	
0 1 10	0000111	

Kuleurowei	3000W	
Final Assembly		
Box	Mute type	
Mobile Chassis	Single axle two wheel trailer	
Tail Lights And Reflectors	Standard configuration	
Tire Size	185R14C	
Manual Leg Support	4*0.9T	
Lifting Point	Standard configuration	

Lifting Point	Standard configuration
Electrical Control	
Auxiliary Input Plug	32A/220VAC
Lamp Control	Lamps can be independently controlled
Sunshine Induction Control	Standard configuration
0 11 1	

Optional	
LED (4x60W)	
Backup 2kW Gasoline Variable Frequency Generator Set	



(2000001m) Lighting System

Mobile diesel-powered light tower (hydraulic lifting type)

# Diesel driven light tower, stable and resistant

Reliable and durable, fuel stability

Easy maintenance, automatic emergency











### Product usage:

- Fields, mines, farms, etc
- Large event venue
- Accident handling and rescue and disaster relief and other conditions

### **Parameter Configuration:**

	<u> </u>
Basic Parameters	
Model	RY-J9-MLT
Normal Power	6kw/kva
Rated Voltage	220V
Rated Frequency	50/60hz
Maximum Height	9m
Minimum Size (during transportation)   * w* h	2250*1550*2550mm
maximum Size (during operation) I * w* h	3350*2200*9000mm
Unit Weight (without fuel)	1800kg
Fuel Type	Diese
Fuel Tank Capacity	100L
Full Load Running Time	60h
Diesel Engine	Quanchai / Kohler / Yanmar / Kubota
Alternator	RuiYing / Mecc Alte / Stanford
Lamp Pole	
Туре	Hydraulic
Number Of Sections	9
Irradiation Analo Hariz	antal 255 ° manual /\/artigal 00 ° algotria

Lamp	
Туре	LED
Number Of Lamp	4*500W
Total Lumens	4*72500=290000Lm

Findi Assembly		
Box	Mute type	
Mobile Chassis	Single axle two wheel trailer	
Tail Lights And Reflectors	Standard configuration	
Tire Size	185R14C	
Manual Leg Support	4*0.9T	
Lifting/Forklift Position	Standard configuration	

Liecti icai conti oi	
Start Mode	Electric start
Auxiliary Onput/Input Plug	32A/220VAC
External AC Floating Charging Socket	Standard configuration
Ontional	

Electrical Control

Optional
LED (4x350W) / LED(4x1000W)
Hydraulic Support Leg
Sunshine Induction Control



(210000 Lighting System

Mobile diesel-powered light tower (manual lifting type)

# Diesel driven light tower, stable and resistant

Reliable and durable, fuel stability

Easy maintenance, automatic emergency

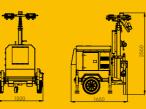












## RY-J7-MLT series Mobile diesel-powered light tower (manual lifting type)

### Product usage:

- Fields, mines, farms, etc
- Large event venue
- Accident handling and rescue and disaster relief and other conditions

### **Parameter Configuration:**

Basic Parameters	
Model	RY-J7-MLT
Normal Power	6kw/kva
Rated Voltage	220V
Rated Frequency	50/60hz
Maximum Height	7.2m
Minimum Size (during transportation) I * w* h	1650*1500*2550mm
maximum Size (during operation) I * w* h	2500*2200*7500mm
Unit Weight (without fuel)	960kg
Fuel Type	Diesel
Fuel Tank Capacity	100L
Full Load Running Time	60h
Diesel Engine	Quanchai / Kohler / Yanmar / Kubota
Alternator	RuiYing / Mecc Alte / Stanford
I amp Pole	

irraaid	ation Angle	Horizoniai 355 - manuai/ verticai 90 - electric	
Doubl	e Safety Lock	Standard configuration	
Lar	mp		
Туре		LED	
Numb	er Of Lamp	4*350W	
Total L	umens	4*52500=210000Lm	
<b></b>	al Assessable		

Final Assembly	
Box	Mute type
Mobile Chassis	Single axle two wheel trailer
Tail Lights And Reflectors	Standard configuration
Tire Size	185R14C
Manual Leg Support	4*0.9T
Lifting/Forklift Position	Standard configuration

Electrical Control	
Start Mode	Electric start
Auxiliary Onput/Input Plug	32A/220VAC
External AC Floating Charging Socket	Standard configuration
Optional	

LED(4x200W)/LED(4x150W)
Hydraulic Support Leg
Sunshine Induction Control



## RY-400 Lighting System explosion-proof series

M obile solar explosion-proof light tower (hydraulic lifting type

### Pioneerin energy conservation and environmental protection









## RY-400SLT-EX explosion-proof series

Mobile solar explosion-proof light tower (hydraulic lifting type)

### Product usage:

■ Suitable for explosion-proof areas in petroleum, chemical, coal mining and other regions, or

### **Parameter Configuration:**

# Basic Parameters

Joidi Fulleis	
Total Power Of Solar Panels	960W EX
Number Of Solar Panels	4*240W
Working Voltage	50VDC
Solar Panel Deployment Method	Hand movement
France Change	

Energy Storage	
Battery Type/Explosion-proof Type	Energy storage batteryEX/ATEX (II2G)
Total Capacity	400AH
Working Voltage	24VDC
Characteristic	Sliding rail installation, easy to remove

Lumproie	
Type/Explosion proof Type	Hydraulic lifting EX
Number Of Sections	9
Irradiation Angle	Horizontal 355° manual
Double Safety Lock	Standard configuration

Lamp	
Type/Explosion Proof Type	LED EX/ATEX (II2G)
Number Of Lamp	4*100W
Total Lumens	4*10500=42000Lm
Invertor	

Rated Power	1000W	
Final Assembly		
Box	Mute type	
Mobile Chassis	Single axle two wheel trailer	
Reflectors	Standard configuration	
Tire Size	185R14C	
Manual Leg Support	4*0.9T	
Lifting Point	Standard configuration	

Auxiliary Input Plug	32A /220VAC EX/ATEX (II2G)
Lamp Control	Lamps can be independently controlled
Optional	
LED(4y80W)	

Electrical Control

REALWIN STONE STONE P27/28



## RY-400SLT-EX explosion-proof series

 $oldsymbol{M}$  obile solar explosion-proof light tower (manual lifting type)

## energy conservation and environmental protection













### RY-400SLT-EX explosion-proof series

Mobile solar explosion-proof light tower (manual lifting type)

### Product usage:

Suitable for explosion-proof areas in petroleum, chemical, coal mining and other regions, or flammable and explosive areas with hazardous gases.

Solar Panels	
Total Power Of Solar Panels	960W EX
Number Of Solar Panels	4*240W
Working Voltage	50VDC
Solar Panel Deployment Method	Hand movement
Enorgy Storago	

Energy Storage	
Battery Type/Explosion-proof Type	Energy storage batteryEX/ATEX (II2G)
Total Capacity	400AH
Working Voltage	24VDC
Characteristic	Sliding rail installation, easy to remove

Lamp	
Type/Explosion Proof Type	LED EX/ATEX (II2G)
Number Of Lamp	4*100W
Total Lumens	4*10500=42000Lm

Type/Explosion proof Type	MTTP EX/ATEX (II2G)
Rated Power	1000W
Final Assembly	
Box	Mute type
Mobile Chassis	Single axle two wheel trailer
Reflectors	Standard configuration
Tire Size	185R14C
Manual Leg Support	4*0.9T
	Oleve de la deservações de la

Electrical Control	
Auxiliary Input Plug	32A /220VAC EX/ATEX (II2G)
Lamp Control	Lamps can be independently controlled
Optional	

U	pτι	on	aı	
LFI	)(4x	80W	7)	



## RY-J9- Lighting System explosion-proof series

Mobile diesel-powered explosion-proof light tower (hydraulic lifting type)

### Diesel driven light tower, stable and resistant

























Mobile diesel-powered explosion-proof light tower (hydraulic lifting type)

### Product usage:

flammable and explosive areas with hazardous gases.

Basic Parameters	
Model	RY-J9-MLT-EX
Normal Power	6kw/kva
Rated Voltage	220V
Rated Frequency	50/60hz
Maximum Height	9m
Minimum Size (during transportation) I * w* h	2250*1550*2550mm
maximum Size (during operation) I * w* h	3350*2200*9000mm
Unit Weight (without fuel)	1800kg
Fuel Type	Diesel
Fuel Tank Capacity	100L
Full Load Running Time	60h
Diesel Engine Explosion Proof Type	EX/ATEX (II2G)
Alternator Explosion Proof Type	EX/ATEX (II2G)

Number Of Lamp	4*300W
Total Lumens	4*29400=117600Lm
Final Assembly	
Box	Mute type
Mobile Chassis	Single axle two wheel trailer

Mobile Chassis	Single axle two wheel trailer
Reflectors	Standard configuration
Tire Size	185R14C
Manual Leg Support	4*0.9T
Lifting/Forklift Position	Standard configuration
Wind Loading	6
EL	

, takinar y eripar, mpar rag	JENT/EEGVING ENTRIEN (IIEG)
Optional	
LED(4x200W)/LED(4x100W)EX/ATEX (II2G)	
Hydraulic Support Lea	



## RY-J7- EX explosion-proof series

Diesel driven light tower, stable and resistant

















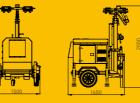












## RY-J7-MLT-EX explosion-proof series

Mobile diesel-powered explosion-proof light tower (manual lifting type)

### Product usage:

Suitable for explosion-proof areas in petroleum, chemical, coal mining and other regions, or

Basic Parameters	
Model	RY-J7-MLT-EX
Normal Power	6kw/kva
Rated Voltage	220V
Rated Frequency	50/60hz
Maximum Height	7.2m
Minimum Size (during transportation) I * w* h	1650*1500*2550mm
maximum Size (during operation) I * w* h	2500*2200*7500mm
Unit Weight (without fuel)	1350kg
Fuel Type	Diesel
Fuel Tank Capacity	100L
Full Load Running Time	60h
Diesel Engine Explosion Proof Type	EX/ATEX (II2G)
Alternator Explosion Proof Type	EX/ATEX (II2G)

Lumprole	
Туре	Hand-cranked
Number Of Sections	7
Irradiation Angle	Horizontal 355 ° manual/Vertical 90 ° electric
Double Safety Lock	Standard configuration

Lamp	
Type/Explosion Proof Type	LED EX/ATEX (II2G)
Number Of Lamp	4*200W
Total Lumens	4*19600=78400Lm

Final Assembly	
Вох	Mute type
Mobile Chassis	Single axle two wheel trailer
Reflectors	Standard configuration
Tire Size	185R14C
Manual Leg Support	4*0.9T
Lifting/Forklift Position	Standard configuration
Wind Loading	6

Electrical Control	
Start Mode	Electric start EX/ATEX (II2G)
Auxiliary Onput/Input Plug	32A /220VAC EX/ATEX (II2G)
Optional	
LED(Av100W) EX/ATEX (U2G)	



## RY- J4.5-EX explosion-proof series

 $\mathbf{M}$  obile non-power explosion-proof light tower (manual lifting type)

## Special lighting for extreme environment





























Mobile non-power explosion-proof light tower (manual lifting type)

### Product usage:

Suitable for explosion-proof areas in petroleum, chemical, coal mining and other regions, or

### **Parameter Configuration:**

# Basic Parameters

### Lamp Pole

Lamp	
Safety Lock	Standard configuration
Irradiation Angle	Horizontal 355° manual
Number Of Sections	5

m: 14 11	
Total Lumens	4*10500=42000Lm
Number Of Lamp	4*100W
Type/Explosion Proof Type	LED EX/ATEX (II2G)

Box	Rainproof type	
Mobile Chassis	Single axle two wheel trailer	
Tire Size	Solid 10'	
Manual Leg Support	4*0.9T	
Wind Loading	6	

### **Electrical Control**



