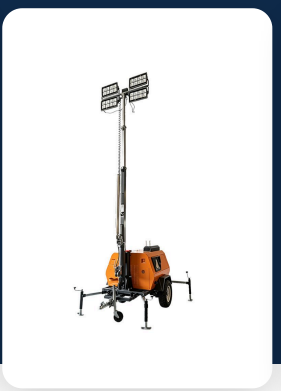
PRODUCT CATALOG 2026

Mobile Light Towers

Solar, solar-diesel hybrid, diesel and hydraulic light towers for construction, mining, roadworks and rental fleets. Built in our own factories in China.

MOQ 1 unit · FOB / CIF quotation within 24 h




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MODEL	TYPE	KEY FIGURES	PAGE
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4LT600M9AH1200	Solar, 9 m manual mast	1,410 W solar · 6 × 200 Ah · zero fuel	04
DIESEL, 9 M MAST			
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4LT1600M9KB	Kubota D1105, manual winch	280,000 lm · 110 L · 65 h	06
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ZHEJIANG LONGFA LIGHTING CO., LTD. · LUMTA brand

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ABOUT LUMTA

Light towers from our own factories

LUMTA is the mobile lighting brand of Zhejiang Longfa Lighting Co., Ltd., which has been making lighting since 2013. Our light towers are built in our own factories in Shandong and in Wenzhou, Zhejiang, China. We supply dealers, rental companies and project buyers worldwide.

Every model in this catalog can be configured to your order: voltage and frequency, sockets, battery type, lamps, trailer and colour. The final configuration is confirmed in writing in your quotation.

MOQ 1 unit
Sample orders welcome

24 h
FOB / CIF quotation

45–60 days
Production after deposit

12 months / 1,000 h
Warranty, whichever comes first

ISO 9001:2015
Certified factory

OEM / ODM
Your brand and colours from 1 unit

WHICH MODEL FOR YOUR JOB?

YOUR NEED	RECOMMENDED MODEL	PAGE
Long winter nights, remote sites, fewer refuelling trips	**E4LT600M9AH1200 hybrid**	03
No fuel, no noise: rental fleets, roadworks, sites near homes	**4LT600M9AH1200 solar**	04
Best price for a 9 m diesel tower	**4LT1600M9CC6.5KW**	05
More light on a manual mast, Kubota engine service	**4LT1600M9KB**	06
Fast set-up and frequent moves, rental fleets	**4LT1600M9Z482**	07
Maximum light for large mines and projects	**LFNVP4000**	08
Light plus 8 kW power for tools and site cabins	**4LT1600M9BAT8KW**	09
Lowest freight cost per unit, dealers and fleets	**4LT1600M7BATFC**	10
Narrow sites, workshops, tunnels, indoor work	**WK1600M5**	11

HOW TO ORDER

1 Send model, quantity and destination port

2 Tell us voltage, frequency and socket type

3 Receive a written FOB / CIF quotation within 24 h

4 Confirm the order with a deposit

5 Production in 45–60 days, then shipment

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TRAILER TYPE · SOLAR + DIESEL HYBRID

Solar-Diesel Hybrid Light Tower

Model: E4LT600M9AH1200

Trailer · 9 m mast · LED · Solar + Diesel

1. **3 × 470 W solar panels**
   Monocrystalline, 1,410 W, sliding rails
2. **4 × 150 W LED floodlights**
   84,000 lm, IP68, 50,000 h service life
3. **6 × 200 Ah batteries**
   DC 24 V, gel (standard) or LiFePO4 lithium
4. **Kaiao 3 kW diesel generator**
   External 30 L tank, up to 28 h
5. **9 m, 6-section mast**
   Manual winch lifting
6. **4 telescopic outriggers**
   Stable support, wind up to 20 m/s



9 m	4 × 150 W	1,410 W	28 h
Max. lifting height	LED floodlights	Solar power	Lighting on diesel

TECHNICAL SPECIFICATIONS

Model	E4LT600M9AH1200
Power modes	Solar / battery / diesel
Lamp power	LED, 4 × 150 W
Luminous flux	4 × 21,000 lm (84,000 lm)
Service life / protection	50,000 h · IP68
Light head	Fixed, no tilt or rotation
System voltage	DC 24 V
Solar panels	3 × 470 W, monocrystalline
Battery type	Gel (standard) / LiFePO4 lithium (optional)
Battery capacity	6 × 200 Ah
Battery life	1000 cycles (gel) / 5000 cycles (lithium)
Controller	Solar charge controller
Generator	Kaiao, diesel, 3 kW
Fuel tank	30 L, external

Runtime (battery)	8–12 h
Runtime (diesel)	28 h continuous
Mast sections	6
Lifting height	9 m
Mast lifting	Manual winch
Max. wind speed	20 m/s (45 mph)
Suspension & brakes	Leaf spring, single axle, no brake
Tow bar	Telescopic, with jockey wheel
Outriggers	4, telescopic, manual
Tyres / hitch	14" · 2" / 50 mm ball
Max. towing speed	80 km/h
Working size	3200 × 1630 × 2750 mm
Transport size	2200 × 1630 × 2330 mm
Weight	1380 kg

STANDARD CONFIGURATION

- ✓ 3 × 470 W monocrystalline panels
- ✓ 4 × 150 W LED floodlights, IP68
- ✓ External 30 L tank
- ✓ 6 × 200 Ah batteries
- ✓ Kaiao 3 kW diesel generator
- ✓ 6-section galvanized mast

Options: LiFePO4 lithium batteries · remote monitoring and GPS · Victron controller (customer-supplied parts, installation case by case).

Specifications are subject to change. The final configuration is confirmed in writing in the quotation.

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TRAILER TYPE · SOLAR

Solar LED Light Tower

Model: 4LT600M9AH1200

Trailer · 9 m mast · Solar power

1. **3 × 470 W solar panels**
   Monocrystalline, 1,410 W, sliding rails
2. **4 × 150 W LED floodlights**
   84,000 lm, IP68, 50,000 h service life
3. **6 × 200 Ah batteries**
   DC 24 V, gel (standard) or LiFePO4 lithium
4. **9 m, 6-section mast**
   Manual winch lifting
5. **4 telescopic outriggers**
   Stable support, wind up to 20 m/s
6. **Zero fuel, zero emissions**
   Solar power, silent and eco-friendly



9 m	4 × 150 W	1,410 W	8–12 h
Max. lifting height	LED floodlights	Solar power	Continuous operation

TECHNICAL SPECIFICATIONS

Model	4LT600M9AH1200
Lamp power	LED, 4 × 150 W
Luminous flux	4 × 21,000 lm (84,000 lm)
Service life	50,000 h
Protection	IP68
Light head	Fixed, no tilt or rotation
System voltage	DC 24 V
Battery type	Gel (standard) / LiFePO4 lithium (optional)
Battery capacity	6 × 200 Ah
Battery life	1000 cycles (gel) / 5000 cycles (lithium)
Solar panels	3 × 470 W, monocrystalline
Controller	Solar charge controller
Continuous operation	8–12 h

Mast sections	6
Lifting height	9 m
Mast lifting	Manual winch
Max. wind speed	20 m/s (45 mph)
Suspension & brakes	Leaf spring, single axle, no brake
Tow bar	Telescopic, with jockey wheel
Outriggers	4, telescopic, manual
Tyres / hitch	14" · 2" / 50 mm ball
Max. towing speed	80 km/h
Working size	3200 × 1630 × 2750 mm
Transport size	2200 × 1630 × 2330 mm
Weight	1180 kg
Container	6 per 40HC · 3 per 20'

STANDARD CONFIGURATION

- ✓ 3 × 470 W monocrystalline panels
- ✓ 4 × 150 W LED floodlights, IP68
- ✓ Solar charge controller
- ✓ Reinforced sliding rails
- ✓ 6 × 200 Ah batteries
- ✓ 6-section galvanized mast

Options: LiFePO4 lithium batteries · remote monitoring and GPS · Victron controller (customer-supplied parts, installation case by case).

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TRAILER TYPE · CHANGCHAI ENGINE

Mobile LED Light Tower

Model: 4LT1600M9CC6.5KW

Trailer · 9 m manual mast · 360° rotation

1. **CHANGCHAI 380 engine, 14.3 kW**
   3-cylinder water-cooled diesel
2. **6.5 kW generator**
   XINGNUO alternator, class H insulation
3. **4 × 400 W LED floodlights**
   208,000 lm, long service life
4. **9 m galvanized mast**
   3 sections, self-locking winch, 360° rotation
5. **5 anti-wind outriggers**
   Stable support, wind up to 20 m/s
6. **110 L fuel tank**
   Up to 68 h of continuous lighting



9 m	4 × 400 W	208,000 lm	68 h
Max. lifting height	LED floodlights	Luminous flux	Continuous lighting

TECHNICAL SPECIFICATIONS

Model	4LT1600M9CC6.5KW
Engine brand	CHANGCHAI
Engine model	380
Cylinders	3, water-cooled
Engine power	14.3 kW
Speed	1500 / 1800 rpm
Combustion	E-TVS
Air intake	Naturally aspirated
Generator	XINGNUO, 6.5 kW
Rated voltage	230/240–120 V
Insulation / IP	Class H / IP23
Starting	Key start
Fuel tank	110 L
Continuous lighting	Up to 68 h

Lighting	LED, 4 × 400 W
Luminous flux	208,000 lm
Mast	3 sections, galvanized
Lifting height	9 m
Mast lifting	Self-locking manual winch
Mast rotation	360°
Max. wind speed	20 m/s
Outriggers	5
Noise level	72 dB(A) at 7 m
Suspension & brakes	Leaf spring, single axle, no brake
Tow bar	Adjustable, with jockey wheel
Tyres	14"
Max. towing speed	100 km/h
L × W × H	3650 × 1700 × 1700 mm
Weight	960 kg

STANDARD CONFIGURATION

- ✓ CHANGCHAI 3-cylinder diesel engine
- ✓ 4 × 400 W LED floodlights
- ✓ Self-locking manual winch
- ✓ Leaf-spring suspension, single axle
- ✓ Control panel with rain cover
- ✓ XINGNUO 6.5 kW alternator
- ✓ 3-section galvanized mast, 360°
- ✓ 5 anti-wind outriggers
- ✓ Adjustable tow bar with jockey wheel
- ✓ 110 L tank, key start

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TRAILER TYPE · KUBOTA ENGINE

Mobile LED Light Tower

Model: 4LT1600M9KB

Trailer · 9 m hand-crank mast · Kubota D1105 engine

1. **Imported KUBOTA D1105 engine**
   3-cylinder diesel, 12.6 kW
2. **4 × 400 W LED floodlights**
   280,000 lm, long service life
3. **Self-locking manual winch**
   No hydraulics to maintain
4. **3-section galvanized mast**
   Up to 9 m
5. **5 anti-wind outriggers**
   Stable support, wind up to 20 m/s
6. **110 L fuel tank**
   Up to 65 h of continuous operation



9 m	4 × 400 W	280,000 lm	65 h
Max. lifting height	LED floodlights	Luminous flux	Continuous operation

TECHNICAL SPECIFICATIONS

Model	4LT1600M9KB	**Lighting**	LED, 4 × 400 W
Engine brand	KUBOTA (imported)	**Luminous flux**	280,000 lm
Engine model	D1105	**Mast**	3 sections, galvanized
Cylinders	3	**Lifting height**	9 m
Engine power	12.6 kW	**Mast lifting**	Self-locking manual winch
Speed	1500 / 1800 rpm	**Light angle**	Adjustable
Combustion	E-TVS	**Max. wind speed**	20 m/s
Air intake	Naturally aspirated	**Outriggers**	5
Emissions	Standard	**Noise level**	72 dB(A) at 7 m
Alternator	SPARKS	**Suspension & brakes**	Leaf spring, single axle, no brake
Rated voltage	230/240–120 V	**Tow bar**	Adjustable, with jockey wheel
Insulation	Class H	**Tyres**	14"
Starting	Key start	**Max. towing speed**	100 km/h
Fuel tank	110 L	**L × W × H**	3650 × 1700 × 1700 mm
Continuous operation	Up to 65 h	**Weight**	960 kg

STANDARD CONFIGURATION

- ✓ KUBOTA D1105 diesel engine
- ✓ 4 × 400 W LED floodlights
- ✓ Self-locking manual winch
- ✓ Control panel with rain cover
- ✓ Leaf-spring axle, 14" tyres
- ✓ SPARKS alternator
- ✓ 3-section galvanized mast
- ✓ 5 anti-wind outriggers
- ✓ Adjustable lighting angle
- ✓ Adjustable tow bar with jockey wheel

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TRAILER TYPE · KUBOTA ENGINE

Mobile LED Light Tower

Model: 4LT1600M9Z482

Trailer · 9 m electric mast · 359° rotation

1. **Imported Kubota Z482 engine**
   2-cylinder water-cooled diesel, low noise
2. **4 × 400 W LED floodlights**
   208,000 lm, long service life
3. **6-section galvanized mast**
   Electric lifting up to 9 m, 359° rotation
4. **5 anti-wind support legs**
   Stable support, wind up to 20 m/s
5. **Integrated control panel**
   Rain cover, key start
6. **110 L fuel tank**
   Up to 68 h of continuous operation



9 m	4 × 400 W	68 h	72 dB(A)
Max. lifting height	LED floodlights	Continuous operation	Noise level at 7 m

TECHNICAL SPECIFICATIONS

Model	4LT1600M9Z482 LED	**Starting**	Key start
Engine	Kubota Z482 (imported)	**Mast sections**	6, galvanized
Cylinders	2, water-cooled, 4-stroke	**Max. lifting height**	9 m
Power	4.5 kW	**Mast lifting**	Electric
Rated speed	1800 rpm	**Mast rotation**	Manual 359°, self-locking
Air intake	Naturally aspirated	**Wind resistance**	20 m/s
Emissions	Standard	**Noise level**	72 dB(A) at 7 m
Generator	SPARKS	**Suspension & brakes**	Leaf spring, single axle, no brakes
Rated voltage	220 V (50/60 Hz)	**Tow bar**	Retractable, with jockey wheel
Insulation / Protection	Class H / IP65	**Tyres**	14"
Lights	LED, 4 × 400 W	**Max. towing speed**	80 km/h
Luminous flux	208,000 lm	**Dimensions (L × W × H)**	2450 × 1350 × 2650 mm
Fuel tank	110 L	**Weight**	860 kg
Continuous operation	Up to 68 h	**40' container**	16 units (two layers)

STANDARD CONFIGURATION

- ✓ Imported Kubota Z482 engine
- ✓ 4 × 400 W LED floodlights
- ✓ 5 anti-wind support legs
- ✓ Key start
- ✓ Retractable tow bar with jockey wheel
- ✓ SPARKS generator, IP65
- ✓ 6-section electric mast
- ✓ Control panel with rain cover
- ✓ 110 L tank
- ✓ Packed in 2 wooden crates

Option: 127 V socket for Mexico, on request.

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TRAILER TYPE · HYDRAULIC LIFTING

Hydraulic LED Light Tower

Model: LFNVP4000

Trailer · 9 m, 8-section hydraulic mast · Diesel

1. **9 m fully hydraulic mast**
   8 galvanized sections, automatic lifting
2. **4 × 400 W LED floodlights**
   440,000 lm, approx. 300 m range
3. **4 engine brands**
   Kubota / Yanmar / Changchai / FAW Xichai
4. **90 L fuel tank**
   Up to 65 h of continuous operation
5. **4 telescopic outriggers**
   Stable support, wind up to Beaufort 8
6. **Integrated control panel**
   Rain cover, electric lamp angle adjustment



9 m	4 × 400 W	440,000 lm	65 h
Max. lifting height	LED floodlights	Luminous flux	Continuous operation

TECHNICAL SPECIFICATIONS

Model	LFNVP4000
Engine	4 brands (see table)
Engine power	11.1–20 kW (depending on engine)
Frequency	50 / 60 Hz
Speed	1500 / 1800 rpm
Alternator	SPARKS, class H insulation
Rated voltage	230/240–120 V AC
Output sockets	1
Fuel tank	90 L
Continuous operation	Up to 65 h
Lighting	LED, 4 × 400 W
Luminous flux	440,000 lm

Lighting range	Approx. 300 m
Mast	8 sections, galvanized, vertical
Mast lifting	Automatic hydraulic
Lifting height	9 m
Lamp angle	Electric
Wind resistance	≤ Beaufort 8
Outriggers	4, telescopic
Suspension & brakes	Leaf spring, single axle, no brake
Tow bar	Telescopic, with jockey wheel
Tyres	14"
Dimensions (L × W × H)	3600 × 1670 × 2480 mm
Weight	Approx. 1200–1360 kg (depending on engine)

ENGINE OPTIONS

Brand	Model	Cylinders	Power
Kubota	D1105	3 cylinders	12.6 kW
Yanmar	3TNV76-GGE	3 cylinders	11.1 kW
Changchai	380 / 3M78	3 cylinders	14.3 / 11.5 kW
FAW Xichai	4DW81-23D / 28D	4 cylinders	17 / 20 kW

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TRAILER TYPE · LIGHT + POWER

Light Tower with Generator

Model: 4LT1600M9BAT8KW

Trailer · 9 m hand-crank mast · 8 kW generator

1. **ANMAX 8 kW diesel generator**
   DG9500CLE, single-cylinder, air-cooled
2. **4 × 400 W LED floodlights**
   160,000 lm, 100 m range
3. **9 m galvanized mast**
   4 sections, self-locking winch
4. **Works as an 8 kW generator**
   Power for tools and equipment
5. **Mains power input**
   Lights from the grid without starting the generator
6. **4 anti-wind outriggers**
   Stable support, resistance < Beaufort 8



9 m	4 × 400 W	8 kW	13 h
Max. lifting height	LED floodlights	ANMAX diesel generator	Continuous lighting

TECHNICAL SPECIFICATIONS

Model	4LT1600M9BAT8KW
Generator brand	ANMAX
Generator model	DG9500CLE
Generator type	Single-cylinder diesel, air-cooled
Power	8 kW
Frequency	50 / 60 Hz
Rated speed	3000 rpm
Emissions	Tier 4
Alternator	Brushless, single-phase
Insulation	Class H
Rated voltage	220 / 380 V
Output socket	1 × 230 V / 10 A
Fuel tank	16 L
Continuous lighting	13 h

Lighting	LED, 4 × 400 W
Luminous flux	160,000 lm
Lighting range	100 m
Mast	4 sections, galvanized
Lifting height	9 m
Mast lifting	Manual hand crank
Tilt	< 10°
Wind resistance	< Beaufort 8
Outriggers	4, manual adjustment
Axle / brake	Rubber axle, no brake
Tyres	13"
L × W × H	2180 × 1130 × 2700 mm
Weight	520 kg

STANDARD CONFIGURATION

- ✓ Telescopic tow bar with jockey wheel
- ✓ Dust cover
- ✓ 2 rubber tyres, 13"
- ✓ 4-section galvanized mast
- ✓ Control panel with rain cover
- ✓ 4 × 400 W LED floodlights
- ✓ Galvanized bar and outriggers
- ✓ Self-locking manual winch
- ✓ Waterproof aviation connector
- ✓ Mains power input

Length 1160 mm without tow bar; height 2300 mm without the light head.

Specifications are subject to change. The final configuration is confirmed in writing in the quotation.

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TRAILER TYPE · COMPACT

Compact LED Light Tower

Model: 4LT1600M7BATFC

Trailer · 7 m mast with manual winch · BAT engine



1. **BAT diesel engine**
   Single-cylinder, air-cooled, reliable and economical
2. **4 × 400 W LED floodlights**
   160,000 lm (recommended), 100 m range
3. **Lamp options**
   2–4 lamps: LED 200 / 400 W or metal halide 1000 W
4. **4-section telescopic mast**
   Self-locking manual winch, 7 m
5. **Up to 25 h of continuous operation**
   Only 72 dB(A) at 7 m
6. **Up to 26 units per 40HQ**
   With the mast removed

7 m	4 × 400 W	25 h	80 km/h
Lifting height	LED lamps	Continuous operation	Max. towing speed

TECHNICAL SPECIFICATIONS

Model	4LT1600M7BATFC
Engine brand	BAT
Engine type	Diesel, single-cylinder, air-cooled
Frequency	50 / 60 Hz
Lamps (recommended)	LED 4 × 400 W
Lamp options	LED 4 × 200 W / metal halide 4 × 1000 W
Number of lamps	2–4
Luminous flux	160,000 lm (LED 4 × 400 W)
Continuous operation	25 h
Noise level	72 dB(A) at 7 m

Mast	4 sections, galvanized
Lifting method	Self-locking manual winch
Max. lifting height	7 m
Wind resistance	Level 8
Outriggers	5, manual
Trailer	Single axle, 13" wheels, no brake
Max. towing speed	80 km/h
Dimensions (L × W × H)	2180 × 1130 × 2700 mm
Weight	550 kg
Wooden crate	1500 × 1100 × 2200 mm, 560 kg gross
Container	15–16 per 40' (with mast) · up to 26 per 40HQ (mast removed)

STANDARD CONFIGURATION

- ✓ Air-cooled BAT diesel engine
- ✓ 4-section galvanized telescopic mast
- ✓ 5 stabilizer legs
- ✓ 4 × 400 W LED floodlights
- ✓ Self-locking manual winch
- ✓ Road-ready trailer, 80 km/h

Housing colours: orange, white, green, red or lime yellow.

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MANUAL PUSH TYPE

Portable LED Light Tower

Model: WK1600M5

Manual push · 4.8 m hand-crank mast



1. **Choice of generator set**
   BAT 3 kW diesel or Loncin petrol · 2.8 kVA, 220 V / 50 Hz
2. **4 × 400 W LED floodlights**
   280,000 lm, long service life
3. **3-section galvanized mast**
   Self-locking crank, lifting 1.7–4.8 m
4. **Anti-wind outriggers**
   Side legs, resistance < Beaufort 6
5. **Integrated control panel**
   One-key operation
6. **25 L fuel tank**
   Up to 13 h of continuous operation

4.8 m	4 × 400 W	280,000 lm	13 h
Max. lifting height	LED floodlights	Luminous flux	Continuous operation

TECHNICAL SPECIFICATIONS

Model	WK1600M5
Frequency	50 Hz
Rated voltage	220 V
Max. power	3.1 kVA
Rated power	2.8 kVA
Fuel tank	25 L
Continuous operation	13 h
Generator weight	68 kg
Generator dimensions	590 × 430 × 435 mm
Lighting	LED, 4 × 400 W
Luminous flux	280,000 lm

Mast sections	3, galvanized
Mast height	1700–4800 mm
Mast lifting	Self-locking crank
Tilt	< 10°
Wind resistance	< Beaufort 6
L × W (legs open)	1585 × 1740 mm
L × W (legs folded)	1250 × 860 mm
Movement	Manual push
Weight (without generator)	116 kg

STANDARD CONFIGURATION

- ✓ Wheeled frame for manual pushing
- ✓ 3-section galvanized mast
- ✓ Side stabilizer legs
- ✓ 4 × 400 W LED floodlights
- ✓ Self-locking crank
- ✓ Diesel or petrol generator set

Ideal for narrow job sites, warehouses, tunnels and places where a trailer cannot enter.

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ISO 9001:2015 · Certified factory | OEM / ODM from 1 unit | FOB / CIF quote within 24 h

LUMTA by LFADJ

Mobile Light Towers

Solar · Hybrid · Diesel · Hydraulic

Kate

Sales Manager

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Specifications are for reference and may change with configuration. The final configuration is confirmed in writing in your quotation.