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	20 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	up to 20 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).

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

ZHEJIANG LONGFA LIGHTING CO., LTD. · LUMTA brand

Kate Sales Manager

Tel. / WhatsApp: +86 157 2687 0335
Email: sales@lfadjlight.com
Web: golumta.com
Address: Tiancheng Subdistrict, Yueqing, Wenzhou, Zhejiang, China

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