

# LiThem

## TL-500

**SINGLE-PERSON OPERATED  
BATTERY POWERED  
PORTABLE LIGHT TOWER**

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# ZERO

**NOISE**  
**EMISSIONS**  
**FUEL CONSUMPTION**



0dB Quiet Operation



50Kg-Class Single-Person Rapid Deployment



0 Diesel Cost



Triple Wheel + Self-Locking Leg Adapts To All Terrains



0 Carbon Emissions



IP65 Weatherproof Wind Resistance Level 8



0 Maintenance Cost



Lithium Battery Powered Versatile For Various Sites



0 Trailer Cost



Fully Rotatable Head & Adjustable Beam Angle For Versatile Lighting Area

TL-500 cuts both equipment and life-cycle consumption / transportation / maintenance costs compared to the traditional fuel generator light tower.

**COST**



**MOS** (Months of service)



# High Elongation Ratio For Easy Storage And Transport

5.3m

4.2m

1.2m

1.3m



# Unique Cloud-Axis Electric Telescopic Pole

Original mechanical structure that maximizes weight reduction while maintaining stability.



IP65, resistant to 8-level winds, corrosion-resistant, available in most climates.



# Each lamp head can be

Unidirectional  
Multi-Point Lighting

360° Lighting with  
Adjustable Coverage



180° rotation around the  
shared X-axis of the two  
modules



360° rotation around the X-axis



180° rotation around the Y-axis



# Multi-Level Self-Locking Support Legs

Adapt to all terrains, whether it is steps, slopes or potholes.



Integrated dual-axis level, easily find the balance point



# Unique Coaxial 3-Wheel Design



Easy one-person transport on any terrain.



Special slots are compatible with small warning lights.



A handle that provides the best grip doubles as lift point.

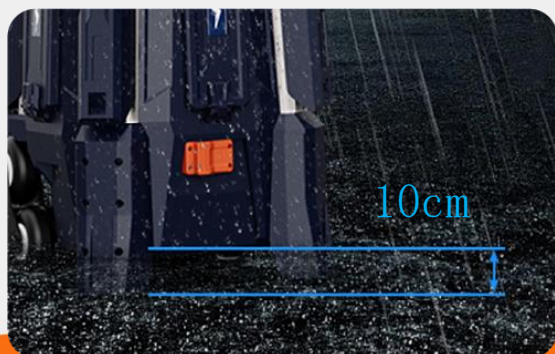


Climbs heights without a forklift if necessary.



Stays stable on muddy ground with maximum contact surface.

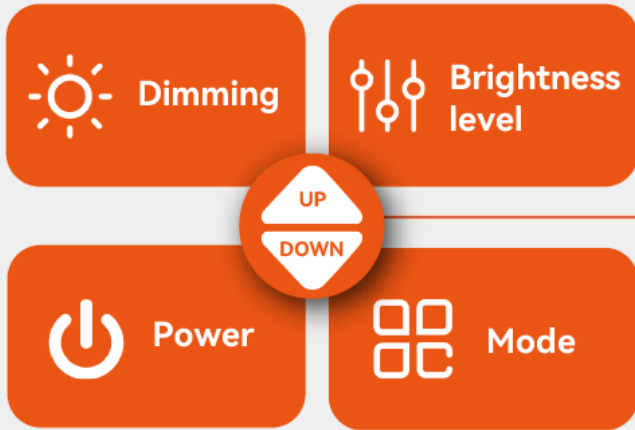
Wading depth up to 10cm refers to the water line mark on the light tower body.



# Humanized Design Hidden In The Details

## Handheld controller

With spring wire, no need to bend over to operate.



## Multifunctional storage space design



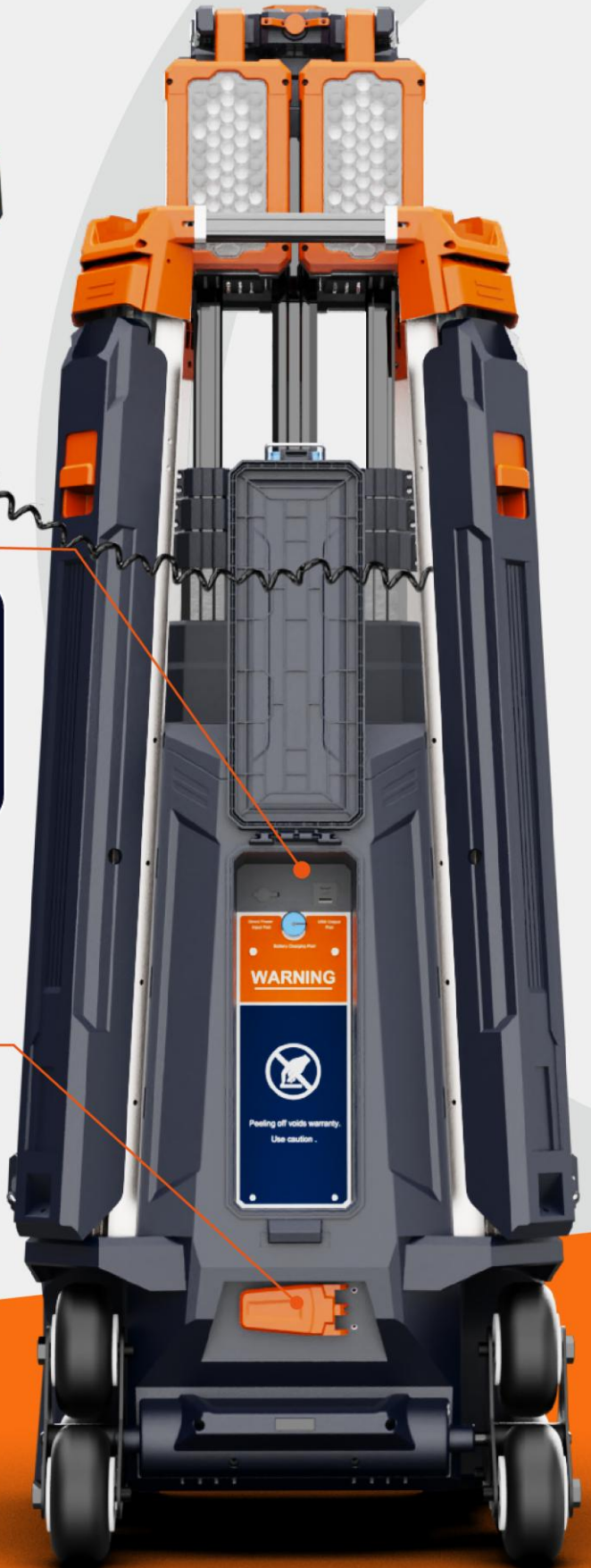
Equipped with multiple interfaces to charge devices

Waterproof toolbox

Didn't change the battery in time?

Don't worry.

Disengage the clutch, then manually retract the pole.




# Ultra-Long Working Hours



D24-500 (3Kg)

Portable lithium battery with large capacity in a small size

 **10 - 100** Hours  
Turbo Mode    Eco Mode

With 3 of fully charged battery power alone, it can provide 10-100 hours lighting.



X3

It also supports using an AC driver for direct power connection.



# High-Efficiency LED Light Source

Free switching of multiple angles.



**4.2m**  
Battery-powered  
Up To **33,000LM**

**5.3m**  
Battery-powered  
Up To **35,000LM**

**4.2m**  
AC Powered  
Up To **62,000LM**

**5.3m**  
AC Powered  
Up To **65,000LM**

4 Levels of Brightness (Battery Powered)

Eco      Balanced      Standard      Turbo



5.3m    3,000LM    10,000LM    18,000LM    35,000LM

4.2m    2,800LM    9,500LM    17,000LM    33,000LM

Stepless Dimmable (AC Powered)

Stepless dimming possible



When AC powered, knob on driver controls  
0-100% dimming.

The brightness and battery level can be viewed  
on the controller when using batteries.



# Optional Accessories

A variety of accessories are available to expand the power supply options.



Charger (MC-2H)



Battery (D24-500)



Driver - AC100-277V Input (X5-320)



TKC-9H

FS8-200

9 Bay Charger Case (3xD24-500 Available)  
+ Solar Panel



# Optional Accessories

Only one operator is needed to transport, deploy, and adjust lighting.



Construction



Mining



Emergency



Sport



Firefighting

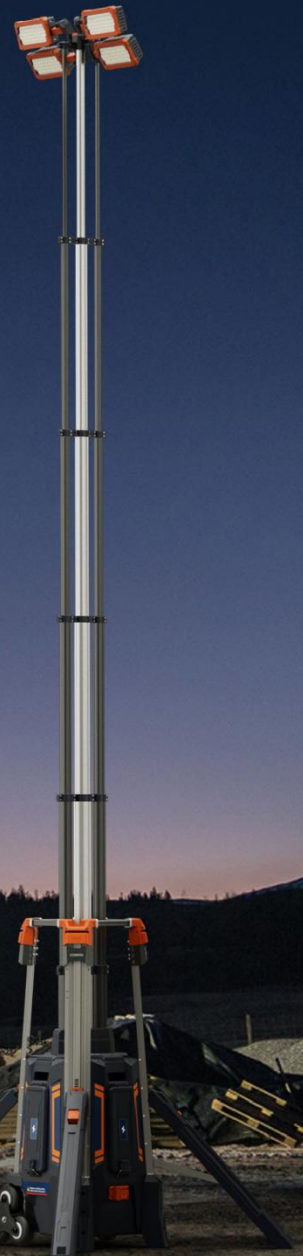


Event

The total light tower weight is  
(excluding battery pack).

**50 kg** (4.2m)   **52 kg** (5.3m)

For quick deployment in emergencies  
this equipment fits easily into standard  
SUVs for single-person loading. ★



★ Proper securing and part locking are crucial during transport. Two or more people are required for lifting unless a forklift is

# Parameter

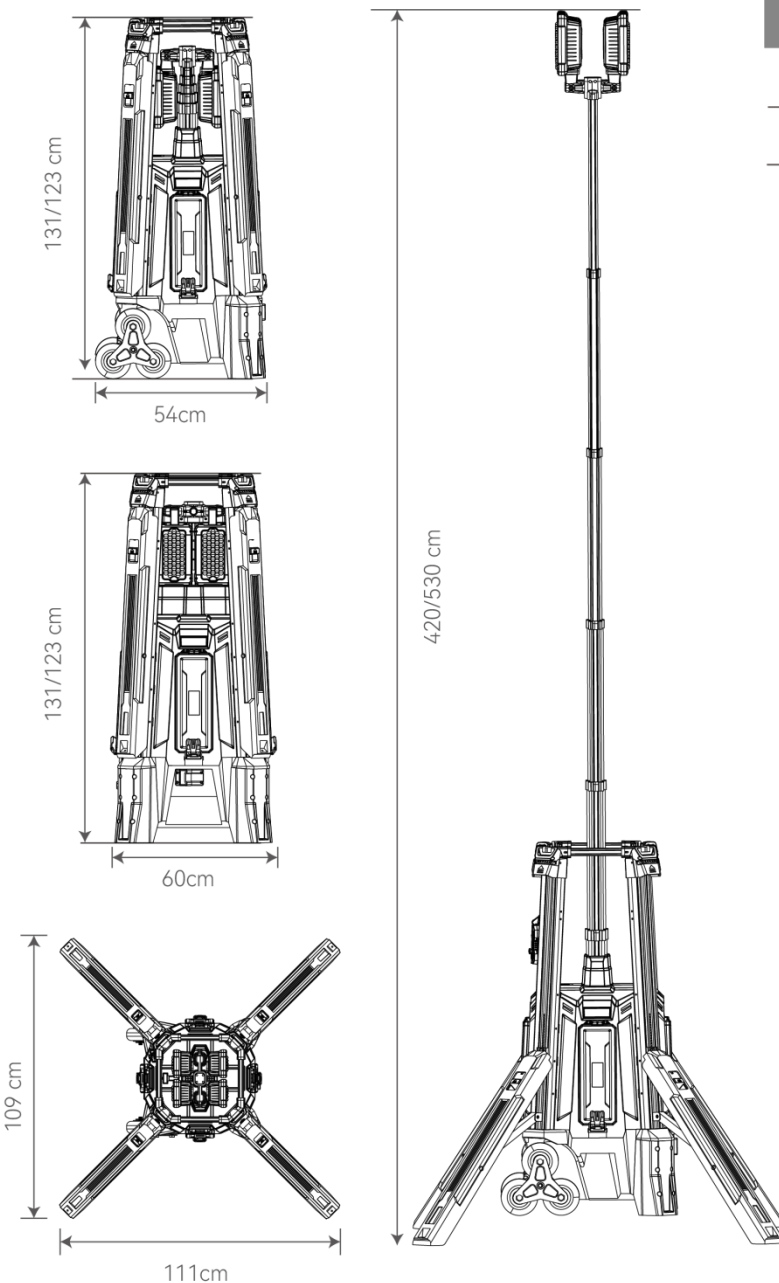
## TL-500 4.2m

Height	4.2m
Weight	50Kg (Fitting only)
Power Supply	Battery / AC 100-277V
Lumens	Battery 0-33,000LM/ AC 0-62,000LM
Run Times	>20h (Standard mode, D24-500 x 3)
IP Grade	IP65
Output(USB)	Type-A (5V 2A) & Type-C (5V 2A)
Battery System	D24 Series

## TL-500 5.3m

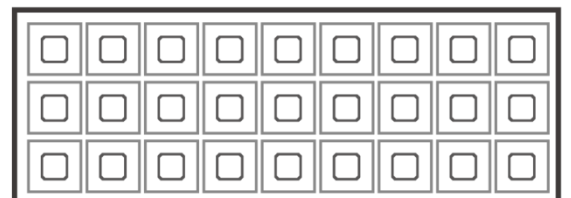
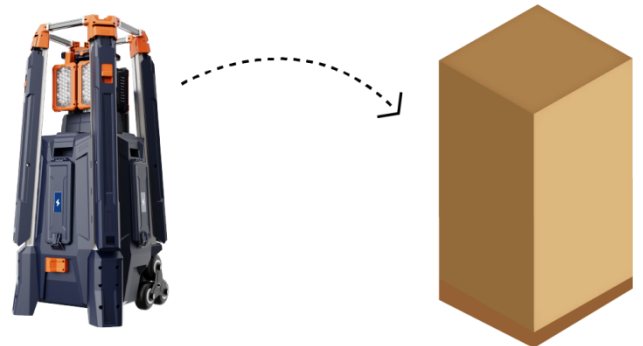
Height	5.3m
Weight	52Kg (Fitting only)
Power Supply	Battery / AC 100-277V
Lumens	Battery 0-35,000LM/ AC 0-65,000LM
Run Times	>20h (Standard mode, D24-500 x 3)
IP Grade	IP65
Output(USB)	Type-A (5V 2A) & Type-C (5V 2A)
Battery System	D24 Series

# Size (cm)



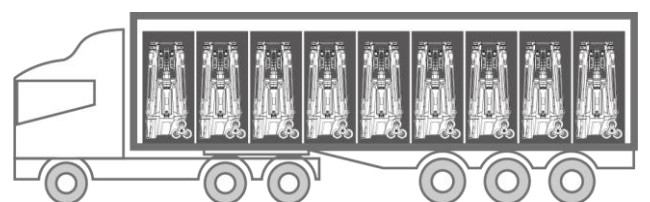
# Package

Model	Size of Carton	Gross Weight of Carton	PCS/Carton
TL-500	640*640*1460mm	60.5kg	1
TL-500	640*640*1460mm	64.5kg	1



20GP Container

27 Unit



40GP Container

54 Unit