

# MOBILE SOLAR LIGHTING TRAILER

Mobile solar powered lighting solution for temporary  
and remote applications



## BNE-500AL



max height  
7 m



11.77 kWh  
LFP Battery



rotation  
350°



### ZERO EMISSION

No fuel-No exhaust



### ZERO NOISE

Silent operation



### WIDE-AREA LIGHTING

Up to large site coverage

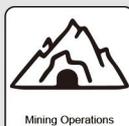


### LONG RUNTIME

Fully off- grid operation



Construction & Work Sites



Mining Operations



Special Events



Emergency Response

# Spitzer ENERGY

[www.spitzer-energy.com](http://www.spitzer-energy.com)

# BNE-500AL

## Solar Lighting Trailer

### KEY FEATURES

- 4 x 100W high-efficiency LED floodlights  
Wide-area lighting coverage up to 1,481 m<sup>2</sup> (@ 5 lux)
- 22.97 ft telescopic mast with electric rotation & tilt  
350° rotation and 90° tilt for precise light positioning
- Certified wind resistance up to 68mph  
Integrated solar + LFP battery, no fuel, no wiring required  
Silent & zero-emission operation



### OPTIONAL



Victron



Inverter



Backup Genset



Security Camera

### SPECIFICATION

#### Power System

Solar Panel	1500W
Panel Tilt Angle	30° -45° ,Manual Adjustment
LFP Battery	11.77kWh,95%DoC
System Voltage	DC 24V
Battery Charger	1.5KW
Controller	60A MPPT
Running Time	28 Hours

#### LED Lighting

LED Floodlights	4*100w, total output 68,000 lm
Tilt	90° ,Electric
Illuminated Area (@ 5 lux)	1,481m <sup>2</sup>
Rotation	350° ,Electric

#### Structural & Mast

Hitch	2"Ball/3"Ring
Brake	Mechanical
Axle	Single
Tire	15 inch
Outriggers	4
Forklift Holes	4
Mast Lifting	Manual winch
Telescopic Mast	5-Sections,22.97 ft

#### Dimensions & Shipping

Dimension(L*W*H)	139.8" × 65.0" × 110.2"
Weight	2,535 lbs
QTY in 20'/40'	3units/7units

The company reserves the right to modify the technical specifications, items and design without notice. The images of the products are indicative for illustrative purposes only