

X-SOLAR

KABANJI X-SOLAR TRAILER LED

4 x 100W

The KABANJI X-SOLAR TRAILER LED is a silent, robust and zero-emission lighting tower. It features energy-saving LED lamps and 4 x 400W retractable solar panels. The 800Ah battery ensures a run time of 12 hours without sunlight.

The X-SOLAR, is perfect for special events, construction, mining, security, or any scenario requiring instant lighting access, illuminating a 2400m² area. With no need for refuelling or maintenance, it offers maximum reliability and illumination.



ZERO FUEL

The high efficiency solar panels enable zero fuel consumption operation



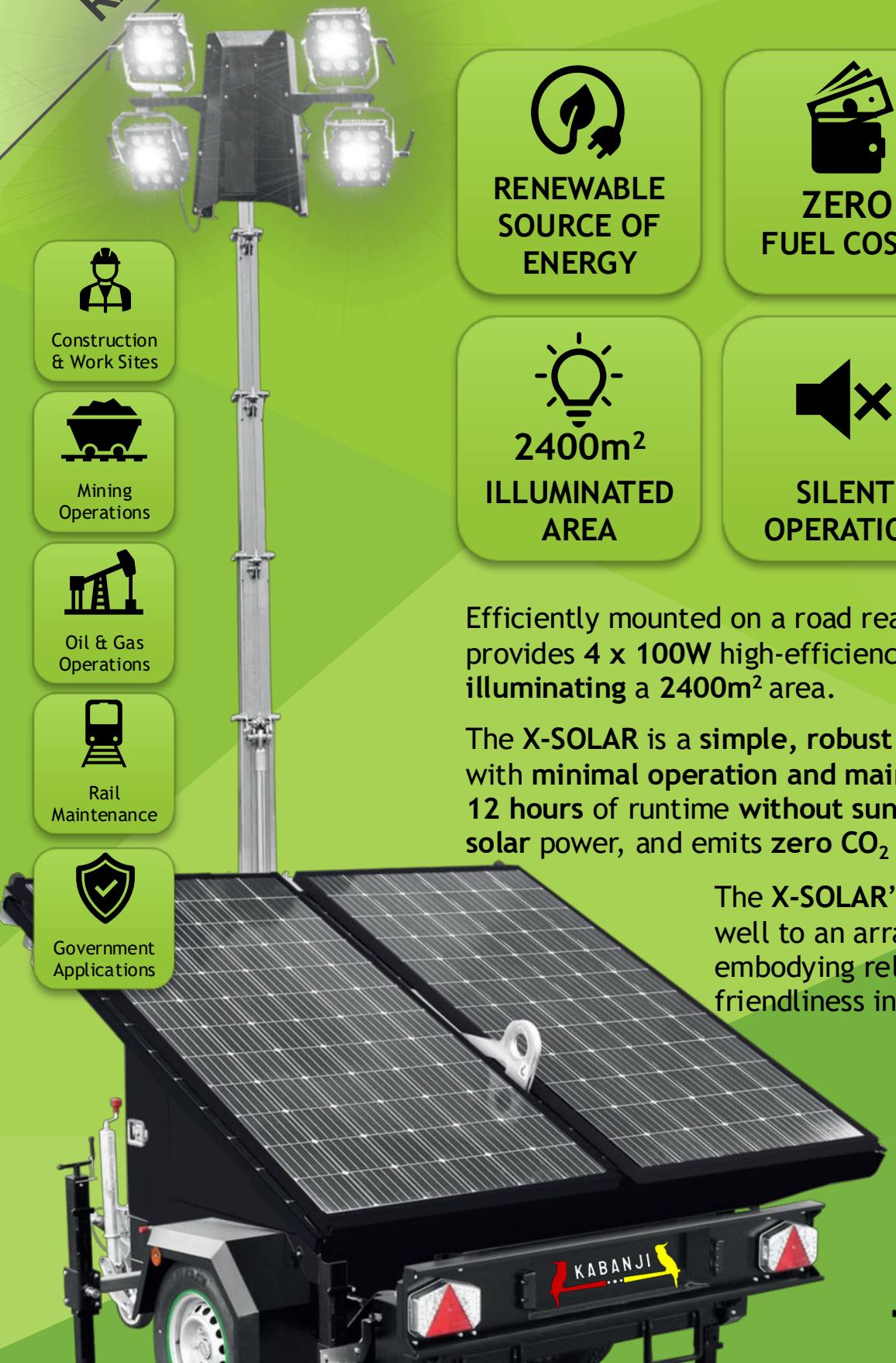
ZERO EMISSIONS

Solar-powered lighting with ZERO emissions, covering 2400m²

KABANJI X-SOLAR

SOLAR

4x100W LED - 8.5M



RENEWABLE
SOURCE OF
ENERGY



ZERO
FUEL COSTS



48V
EXTRA LOW
VOLTAGE



2400m²
ILLUMINATED
AREA



SILENT
OPERATION



4
EXTENDABLE
SOLAR PANELS

Efficiently mounted on a road ready trailer, the X-SOLAR provides 4 x 100W high-efficiency LED lamps, capable of illuminating a 2400m² area.

The X-SOLAR is a simple, robust and silent lighting tower with minimal operation and maintenance costs. It offers 12 hours of runtime without sunlight, operates on 100% solar power, and emits zero CO₂ all year round.

The X-SOLAR's versatility lends itself well to an array of applications, embodying reliability and eco-friendliness in a lighting tower.



Construction
& Work Sites



Mining
Operations



Oil & Gas
Operations



Rail
Maintenance



Government
Applications

TECHNICAL DATA

LIGHTING & MAST

| | |
|------------------------------|---------------------|
| Light Type | 4 x 100W LED |
| Light Output | 2400 m ² |
| Lighting Voltage | 48 VDC |
| Rotation | 340° |
| Maximum Mast Height | 8.5 m |
| Mast Lifting System | Hydraulic |
| Electrical Protection Rating | IP65 |
| Maximum Rated Wind Speed | 80 km/h |
| Noise Rating | No Noise, 0dBA |

BATTERIES

| | |
|------------------|--------------|
| Battery Type | AGM |
| Batteries Number | 8 |
| Battery Pack | 24 VDC 800Ah |
| Battery Cycle | 500 |

SOLAR PANELS

| | |
|-------------------|-------------|
| Solar Panel Type | Victron |
| Solar Panel Power | 4 x 400W |
| Deployment | Manual |
| Controller | MPPT 150/60 |

DIMENSIONS, WEIGHT & FEATURES

| | |
|-----------------|--|
| Min/Max (LxWxH) | 4180 x 2090 x 2420 mm 4180 x 4150 x 8500 mm |
| Dry Weight | 1595 kg |