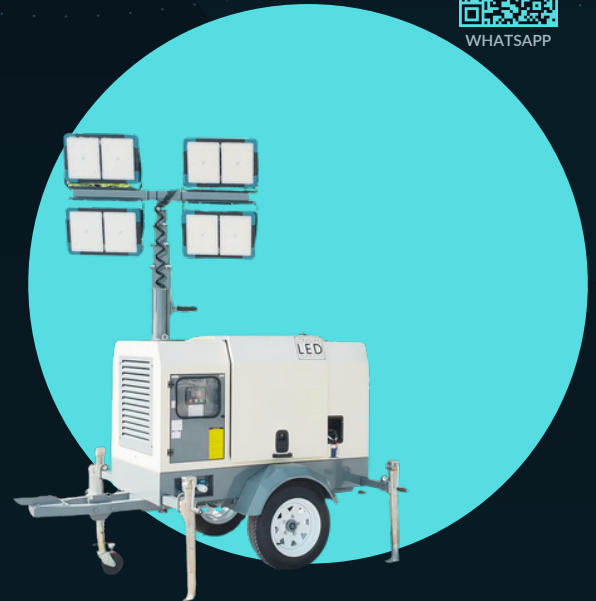




EZ-POWER MOBILE LIGHTING

12 kVA TOWER LIGHT

Rugged mobile illumination for demanding work sites


PRIME POWER
10.9 kVA
 @ 0.8 PF

STANDBY
12.1 kVA
 @ 0.8 PF

MAST HEIGHT
8.5 m
 340° rotatable

LIGHTING
4 × 400 W
 LED floodlights

LIGHTING MAST & TROLLEY

Lamp configuration	4 × 400 W LED / 4 × 1000 W MH
Trolley axle	Single
Number of wheels	2
Lifting system	Auto-brake winch
Maximum height	8.5 m
Mast rotation	340°
Fuel autonomy	Approx. 12 hours

CANOPY & PROTECTION

Enclosure	Heavy gauge steel
AUX socket	1 × 32 A, 3-phase
Drainage	Fuel & water provision
Ingress protection	IP23
Canopy colour	RAL 9010, powder coated
Base frame colour	RAL 9010, powder coated
Noise @ 7 m	57.1 dB(A)

CONDITION
LENGTH
WIDTH
HEIGHT
WEIGHT

Retracted / dry

2400 mm

1400 mm

2630 mm

550 kg

Extended / full fuel

2400 mm

1400 mm

8500 mm

620 kg

ENGINE • ALTERNATOR • CONTROL

TECHNICAL DATA

Engineered for easy deployment, safe operation and reliable lighting

ENGINE

Make & model	Kubota D1105-E2-BG (12 kVA)
Cylinders	3 vertical in-line
Cycle	4-stroke
Aspiration	Naturally aspirated
Cooling	Water cooled
Governing	Mechanical
Coolant capacity	5.1 L with radiator
Compression ratio	24:1
Displacement	1.123 L
Bore × stroke	78.0 × 78.4 mm
Battery charger	12 V DC / 30 A

ALTERNATOR

Make / model	Leroy Somer / Stamford / Linz Electric
Poles	4
Winding leads	6 / 12
Bearing	Single
Insulation class	Class H
Ingress rating	IP21
Excitation	Self excited
AVR / capacitor	R120

CONTROLLER

Controller	DSE 4520 MKII
Operating mode	MRS / AMF optional
Display	Graphic back-lit LCD
Front protection	IP65 sealed face
Engine protection	Temp, pressure, speed, charge
Alternator protection	Frequency, voltage, overload
Emergency	Stop push button
Event log	Alarms & operating hours
Fuel indication	Level sensor optional

KEY FEATURES

- Multi-directional, adjustable and tiltable floodlights
- 4 × 400 W, 220 V LED or 4 × 1000 W metal-halide lights
- Manual 8.5 m mast with 340° rotation
- Galvanized metalwork with 80-120 µm powder coating
- Compact transport footprint - up to 8 units per truck
- Forklift pockets for efficient handling
- Colour-coded plug-and-play cables and connectors
- IP23 machine-level protection
- Overload, circuit-breaker and emergency-stop protection
- Wind stability up to 110 km/h
- Four height-adjustable stabilizers with onboard levels

APPLICATIONS

- Construction & work sites
- Oil, gas & mining operations
- Emergency response
- Special events
- Rural & hard-to-reach areas
- Military applications



12 kVA SERIES