

HYBRID
RANGE

KABANJI PTY LTD

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Sales@kabanji.com.au

X-HYBRID

KABANJI X-HYBRID TRAILER LED

6 x 100W

The KABANJI X-HYBRID TRAILER LED is the latest in lighting tower technology, utilising lithium batteries alongside an efficient 2-cylinder diesel engine to allow for 455 hours (38 Nights) of uninterrupted run time.

The X-HYBRID TRAILER, featuring a 3000m² illuminated area, extended run-time, and lower refuelling needs, is perfect for a wide range of operations requiring optimal illumination.



Peak Battery Efficiency with
Diesel Backup Confidence



Silent Operation
90% of the Time



HYBRID
RANGE

KABANJI X-HYBRID TRAILER LITHIUM

6x100W LED - 8.5M



Construction
& Work Sites



Mining
Operations



Oil & Gas
Operations



Rail
Maintenance



Government
Applications



12h

**RUNNING TIME
ON BATTERY**



455h

**RUNNING TIME
UNTIL REFILL**



48V

**EXTRA LOW
VOLTAGE**



3000m²

**ILLUMINATED
AREA**



3h

**RECHARGE
TIME**



**MINIMAL
SERVICE**

Efficiently mounted on a road-ready trailer, the X-HYBRID TRAILER has 6 x 100W high-efficiency LED lamps, capable of illuminating a 3000m² area.

The X-HYBRID TRAILER can run **completely silent** for 12 hours and up to 455 hours by alternating between batteries and its diesel engine.



When batteries are low the X-HYBRID TRAILER will **automatically switch** to its **diesel engine** and simultaneously **recharge the battery** whilst maintaining light output.



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TECHNICAL DATA

LIGHTING & MAST

Light Type	6 x 100W LED
Light Output	3000 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	110 km/h

ENGINE

Engine	2 Cylinder, Liquid Cooled Yanmar
RPM	1500
Fuel Tank	50 L
Engine Fuel Consumption	0.55 L/h
Operating Hours	455 Hrs
Noise Rating	65dBA@7m

GENERATOR

Model	Linz
Rated Output	3.5 kVA
Rated Frequency	50 Hz
Noise Rating	65dBA @7m

HYBRID

Battery Type	Lithium
Average Fuel Consumption	0.11 L/h
Batteries Number	1
Battery Pack	25.9 VDC 200 Ah
Charging Time (LED's Off)	3 hours
Charging Time (LED's On)	14 hours 30 min

DIMENSIONS, WEIGHT & FEATURES

Min/Max (LxWxH)	2450 x 1390 x 2420 mm 2540 x 1550 x 8500 mm
Dry Weight	1100 kg