

HYBRID  
RANGE

KABANJI PTY LTD

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Sales@kabanji.com.au

# X-HYBRID<sup>3</sup>

KABANJI X-HYBRID CUBE LED

6 x 100W

The KABANJI X-HYBRID CUBE LED is the latest in lighting tower technology, utilising lithium batteries alongside an efficient 2-cylinder diesel engine to allow for 1455 hours (121 Nights) of uninterrupted run time.

The X-HYBRID CUBE, with its small footprint, extended run-time, and reduced refuelling requirements, is ideal for semi-permanent applications while ensuring maximum illumination.



Peak Battery Efficiency with  
Diesel Backup Confidence



Silent Operation  
90% of the Time





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RANGE

# KABANJI X-HYBRID CUBE

## LITHIUM

### 6x100W LED - 8.5M



Construction  
& Work Sites



Mining  
Operations



Oil & Gas  
Operations



Rail  
Maintenance



Governm  
Applicat



12h  
RUNNING TIME  
ON BATTERY



1455h  
RUNNING TIME  
UNTIL REFILL



48V  
EXTRA LOW  
VOLTAGE



4400m<sup>2</sup>  
ILLUMINATED  
AREA



3h  
RECHARGE  
TIME



MINIMAL  
SERVICE

Efficiently mounted on a heavy-duty, fully bunded skid, the X-HYBRID CUBE provides 6 x 100W high-efficiency LED lamps, capable of illuminating a 4400m<sup>2</sup> area.

The X-HYBRID CUBE runs silently for 12 hours and up to 1455 hours by alternating between batteries and its diesel engine.



When batteries are low the X-HYBRID CUBE 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	4400 m <sup>2</sup>
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	160 L
Engine Fuel Consumption	0.55 L/h
Operating Hours	1455 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

Stabilisers	4 x manual wind down
Min/Max (LxWxH)	1200 x 1200 x 2560 mm 2520 x 2520 x 8500 mm
Dry Weight	1100 kg