

X-HYBRID³

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



KABANJI X-HYBRID CUBE

LITHIUM

6x100W LED - 8.5M



Construction & Work Sites



Mining Operations



Oil & Gas Operations



Rail Maintenance



Government Applications

12h
RUNNING TIME
ON BATTERY1455h
RUNNING TIME
UNTIL REFILL48V
EXTRA LOW
VOLTAGE4400m²
ILLUMINATED
AREA3h
RECHARGE
TIMEMINIMAL
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 **4400m²** 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.



TECHNICAL DATA

LIGHTING & MAST

Light Type	6 x 100W LED
Light Output	4400 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	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