

HYBRID LED

PR-ECO HYBRID LED

4 X 150w

The PR-ECO HYBRID LED is the latest in Lighting Tower technology, utilising four rechargeable batteries along side an efficient 2-cylinder diesel engine to allow for 1,180 hours [98 Nights] of uninterrupted run time.

Its small footprint, extended run-time and reduced refueling requirements make the Hybrid Cube ideal for semi-permanent construction operations.



**90% FUEL
SAVING**

Utilising 4 x rechargeable
batteries & Fuel efficient
2 cylinder diesel engine



**98 NIGHTS
RUN TIME**

1,180 hours run time by
alternating between
batteries and diesel engine

PRPOWER

1300 399 499



The PR-ECO HYBRID LED Mobile Lighting Tower units utilise highly efficient LED lamps mounted atop an 8.5m vertical, hydraulic mast with a 48vDC extra low voltage lighting system.

The Hybrid Cube can run completely silent for up to 18 hours, when the batteries are low the tower will automatically switch to its diesel engine and simultaneously recharge the battery packs whilst maintaining light output.

Efficiently mounted on a road ready trailer or skid, the tower provides 4 x 150w high-efficiency LED lamps, capable of illuminating around 3,000m².

This lighting tower is ideal for a wide range of applications including construction, industrial, civil works, rental and government projects.

KEY FEATURES



4 x 150w high efficiency LED lamps illuminating approx. 3,800m²



48V Extra low voltage lighting system



Batteries & Fuel efficient 2 cylinder, 1500rpm, water cooled diesel engine



1,180 hr operating time reducing maintenance & fuel costs



340° mast rotation for maximum light coverage



Lamps ignite immediately for quick start up



Hybrid option ensures excessive CO₂ reduction



No replacement of ballasts and capacitors required



Hybrid designs ensures 222 Litres of fuel will last for 98 nights



No bulbs to replace on LED Lamps and they are protected by a polycarbonate lens (no glass)



Weatherproof, soundproof and lockable enclosure for reduced noise and added security



Compact design allows transport of up to 7 units simultaneously

TECHNICAL DATA

LIGHTING & MAST

Type of light	4 x 150w LED
Light output	3,000m ²
Lighting voltage	48V DC
Maximum mast height	8.5m
Mast lifting system	Hydraulic
Mast rotation	340°
Electrical protection rating	IP23
Certified wind stability	110km/h

ENGINE

Engine	2 cylinder, water cooled Kubota Z482 diesel
RPM	1500
Fuel Tank	222L
Engine Fuel consumption	0.55 L/h
Operating Hours	1,180 Hrs
Noise rating	62dBA@7m

HYBRID

Battery Type	AGM ZL 06 130
Average Fuel Consumption	0.17 L/h
Batteries Number	4
Batteries Pack	24V DC 400 Ah
Charging Time (LED's On)	9 hours

DIMENSIONS, WEIGHT AND FEATURES

Stabilisers	4x manual wind down
Min/Max (LxWxH)	2944x1466x2570/ 2944x2928x8500mm
Dry weight	1,280kg

PRPOWER 1300 399 499

sales@prpower.com www.prpower.com