

SILENT LIGHT.



URBAN HYBRID TOWER

SILENT LIGHT

Powerful LED light.

BUILT TOUGH

Built to the highest standards.

SUPER SAFE

Designed with the latest safety innovations.

HYBRID POWER

Lithium battery pack recharged by diesel engine.

Up to 20 hours battery power.



Construction & Civil



Mining & Quarries



Rental



Industrial



Agriculture

POWERFUL ILLUMINATION

The Urban Hybrid Tower 9-meter mast design allows light to be projected to where it is needed, 359-degree mast rotation with lightbar tilt capability as standard.

The Kubota-powered 48 volt DC Urban Hybrid Tower delivers 90,000 lumens to the working environment through four powerful 150 watt leading edge technology LED lights.

LITHIUM BATTERY PACK

Large capacity lithium battery power pack provides up to 20 hours of continuous silent running.

On board battery management system ensures the battery pack is charged and ready for the next shift.

Battery capable of 3000 cycles at 95% discharge rate.

STRONG BODY

Four independently adjustable outriggers give the Urban Hybrid Tower solid grounding to reach the heights of its performance with simplicity and stability.

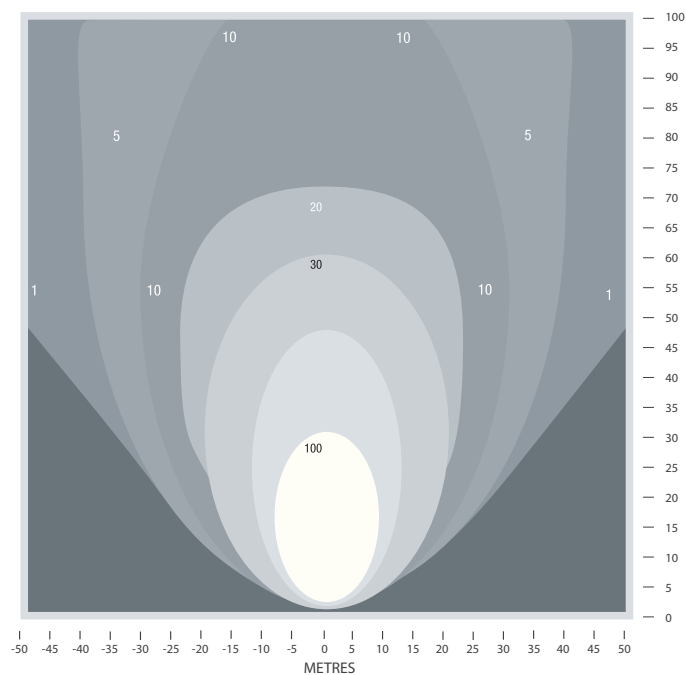
INTEGRATED SAFETY

Through audible voice alarm the Urban Hybrid Tower warns the operator if the handbrake is not engaged or the Urban Hybrid Tower is not level. When either or both conditions are not met, the mast cannot be raised, or if the mast is raised – will automatically lower.

SMART CONTROLS

The Urban Hybrid Tower is integrated with a purpose built SmartGen lighting tower controller that offers effortless operation, auto start stop capability and engine protection with future facing expandability.

The optional expansion CLOUD Based NextG Module provides integration and potential of remote equipment monitoring.



Height	2.56m (8' 4")
Length	2.43m (7' 9")
Width	1.52m (4' 9")
Width with stabilisers deployed	2.22m (7' 2")
Weight (Wet)	1200kg (2645.5lb)
Battery Type	Lithium
Control System	BMS
Max Cycle Time	3000
Discharge Depth	95%
Discharge Time	20 hours
Recharge Time	3 hours
Fuel	Diesel
BIO Fuel Compatibility	B5
Fuel Capacity	100L (26.4 US Gallons)
Engine	Kubota Z482
Engine Aspiration	Naturally
Cooling System	Water Cooled
Alternator	Brushless
Alternator Insulation	H
Controller	SmartGen ALC708
No. Lights	4
Type of Lights	150W LED TG201
Total Light Output	90,000 Lumens - Effective and Stabilised
Light Tilt	Electric
Mast Rotation	359° Manual Operation
Number of Mast Sections	8
Mast Raise/Extension	Hydraulic/Cable
Trailer Suspension System	Rubber Torsion Axle (Al-ko)
Tire and Rim Size	14"
Tow Hitch	Ball
Acoustic Pressure	65dB(A) @ 7m
Container Load Capacity	40'HC 8
GPO's	Not Available
Braking System	Inertia drum braking with stable towing height, parking brak
Wind Speed Rating	100km/hr

OPTIONS

- NextG asset tracking remote communications



STANDARD



OPTIONAL