

Introducing...



AUSTRALIA'S LEADING
MINE SPEC LIGHTING COMPANY

PIT MASTER LED HYBRID BATTERY LIGHTING TOWER

7HBLT48V

World
Leading Co²
Reduction
Technology



THINK GREEN

1

Up to 66% Carbon
Emission Reduction



2

Over 60% Reduction
in Running Costs



3

Reduced Servicing
by 75% per annum



SCIG

Helping You Meet Your 2030 Carbon Reduction Targets

7HBLT48V

PIT MASTER LED HYBRID BATTERY LIGHTING TOWER

SPECIFICATIONS

INDUSTRY LEADING PERFORMANCE BATTERY HYBRID

- Massive Carbon Emission Reduction
- Silent Running for Full 15 Hours of Light Operation @2100W
- Engine Running Only to Charge Batteries @ Average of 4hrs Per Day
- Full Light On - Maximum Light Output No Warm Up
- No Stabilisation Requirement of Light Output
- Flexible Light Output Options - From 1800w to 2400w
- Standard Lights @ 7 x 300W with Impressive 367,500 Lumens
- Extended Light Operations to Over 420,000 Lumens
- Reduction of Servicing Costs Over 66%
- Full Telematics and Customised Web/Cloud Options
- 50,000 hours of Life Per Light
- Tried and Tested Tier 4 Kubota Z482 Performance
- Chassis With Over 100 Million Hours Infield Proven Durability

KEY METRICS

Height	2,470 mm
Length	4,280 mm
Width	1,800 mm
Mast Extended Height	9.0Mtr
Weight (ATM)	1,999kg
Weight (Tare)	1,700kg



*Final weight and dimensions will depend on completed specifications and options, subject to manufacturing tolerances. All the information in this document is substantially correct at the time of creation and may be altered at the manufacturer's sole discretion. Any quotes and related material provided supersedes the contents hereof.

**Fuel Consumption Calculated at a Rate of Usage Across a 12.5hr Run Time of 100% Lighting Output

MINE SPECIFICATIONS

Fuel	Diesel / Battery
Fuel Capacity	80 Litres
Fuel Consumption	0.57 Litres Per Hour**
Engine	Kubota Z482 - As Standard
Alternator	Axial Magnetic Flux Water Cooled
Alternator IP Rating	IP68
Power Generation	6.5 Kw
Electrical System	48 Volt DC
Battery System	Li-Po4
Battery Capacity	40.3 KWH
Battery Monitoring System	CanBus
No. of Lights	Flexible - 6 to 8
Type of Lights	300W LED Pitmaster™ Optics
Total Light Output (lms)	367,500 lms STD
Light Tilt	Electrical
Mast Rotation	Hydraulic 340° 100% Ground Cover
Mast Raise	9.0m Hydraulic
Wind Rating	CERT1635 - 110km/h
Trailer	Under 2 Tonne
Tyre and Rim Size	225/75R16
Wheel Nut Indicators	Standard Fitment
Stabiliser Leg Support	Hydraulic
Tow Hitch	2.5T 75mm Ring or 2.5T 50mm Ball
Battery Isolator	Standard Fitment
Starter Isolator	Standard Fitment
Jumpstart	CAT or Anderson
Wheel Chocks	Standard Fitment
Emergency Stop	Standard Fitment
Fire Extinguisher	4.5 Kg
Rotating Beacon	Standard Fitment
Jockey Wheel	Standard Fitment RHS Heavy Duty
Towing Strap for Light Bar	Standard Fitment
MDG15 Electrical	Standard Fitment
MDG41 Hydraulic	Standard Fitment
AS-4242:1994	Compliant
ADR and VBS01	Compliant
Safety Chain Compliance	Conforms to AS 3776:2015 & ADR 62/02
Automatic Fire Suppression	Fireball or Custom
Oil Recovery	Oil Evacuation Kit
Fuel Recovery	Fuel Evacuation Tap
Telematics	Optional
Remote Control	Optional