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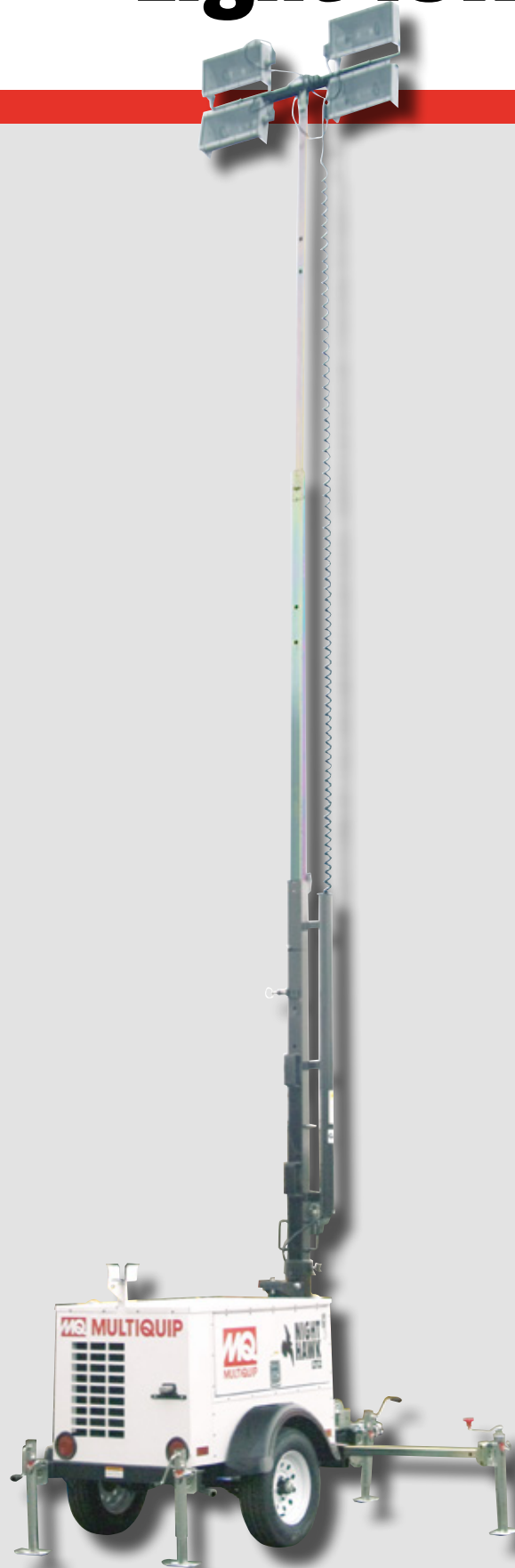
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Light Towers



Dependable jobsite lighting



www.multiquip.com



Night Hawk Light Towers

The **LT-12D** is the perfect choice for illuminating construction sites, outdoor events or industrial applications. Four 1,000-watt metal halide lamps provide powerful illumination. A 12 HP Kohler diesel engine provides trusted performance, low maintenance costs, excellent fuel economy and reliable operations. Convenient external 120/240V AC power receptacles support small equipment and hand tool operations.

Features

- Industrial Trailer Frame
- Tier IV Kohler Diesel Engine
- 3-Cylinder Liquid-Cooled 12HP
- 6kW AC Power
- 120/240V 60 Hz ($\pm 6\%$ regulated) Amps at 120/240V - 50/25
- Trusted Brushless Alternator Design
- Quiet Operation - 73 dBA @ 23ft
- Lights - (4) 1000W Metal Halide
- Lumens - 440,000
- Telescoping Zinc Dichromate Mast (up to 32ft)
- 360° Mast Rotation
- Fuel Capacity - 30 Gals. 64 HR. Run Time at 3/4 load
- Wind Stability - 65 MPH
- (5) Heavy-Duty Jack Support Outriggers
- *50 HZ Models Available



Convenient external power receptacles with heavy-duty enclosures and receptacles

*(1) GFCI 120V 20A Duplex
* (1) L14-30R 120/240V 25A Twist Lock

[Enclosures only for 50hZ Models]

The engine control panel is protected from the elements and provides simple navigation and service for the start switch,



light switches, and all breakers. The control panel lights automatically activate when the access door is opened.





Night Hawk Light Tower

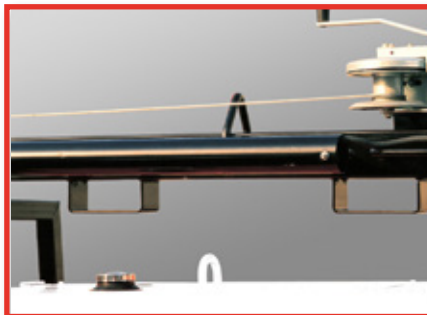


- Rugged Light Fixtures
- Trusted Power Generator
- Top Quality mast Assembly
- Industrial Trailer

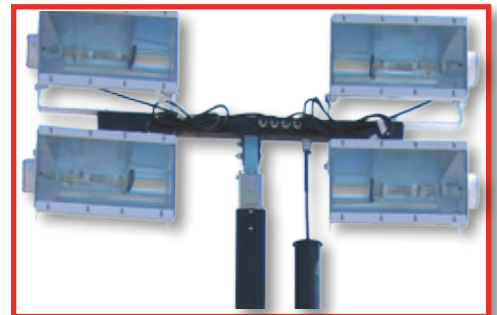
Reliable Lighting Solutions



Patented mast extension spring eliminates 'Kick' for smooth operation permit the tower to operate at angles other than full vertical; plus allows a smoother raise/lower operation.



The Night Hawk Light Towers offer designs and components that withstand the harsh usage found in the construction industry. The heavy-duty zinc dichromate mast assembly is supported with rugged locking bays, independent ratchet systems and winches with automatic braking features. Convenient fork lift pockets assist in transit and storage.



The four 1,000W lamp fixtures offer a tough extruded aluminum housing that tackles harsh weather operating conditions. Each light is fully adjustable. Each lamp is controlled and protected by its singular circuit breaker. Also, the mast swivels to accommodate 360° coverage and has a firm lock-in-place fastener.



MLT Series - Model MLT

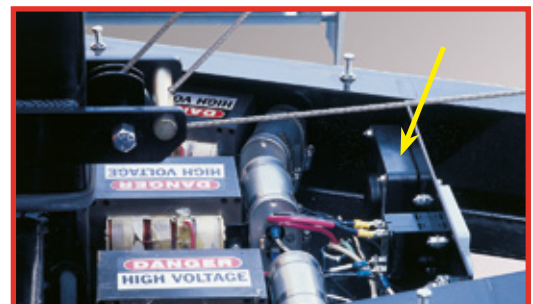
The **MLT** represents the base unit for the MLT - Series light towers. The unit is offered without a power source for contractors/operators who already own a Multiquip DA7000SSA1 generator or SDW225SSA1 welder. In addition, the MLT can easily connect to an alternate external power source to provide lighting for indoor/outdoor applications.

Features

- **Cross Drilled T-Bar** - provides choice of vertical or horizontal mounting
- **Aluminized Collection Tube** - increased corrosion resistance
- **Cable Grip Strain Relief** - reduces fatigue on the tower electrical lead
- **Superior Wind Stability** - 45 mph w/o generator
- **Industrial Winch and Ratchet System** - 1,500 lb. capacity
- **Zinc Dichromate Tower Sections** - for strength, corrosion resistance
- **L14-30P Plug** - for power connections, NEC/NEMA approved
- **Ballast Box Built Into Trailer Tongue** - secure, water tight
- **Mast Tension Spring** - operate at all angles, no 'spring kick'
- **Industrial Torsion-Spring Axles** - minimizes travel vibrations
- **(4) Rugged 1000W Metal Halide Lamp Fixtures**
- **Rugged Captive Locking Pins With Tower Resting Saddle**
- **Quick-Disconnect Light Wiring Fixtures**
- **Zinc Dichromate Outriggers & Socket Tubes w/ Locking Pins**
- **Mast Fork Lift Pockets**



Each Floodlight requires a ballast for starting. They are built into the tongue of the trailer in an easy to service weather resistant



compartment. An internal fan ensures proper cooling. The Light Control Panel is positioned outside The compartment and contains (2) single-pole 20A ON/OFF circuit breakers.



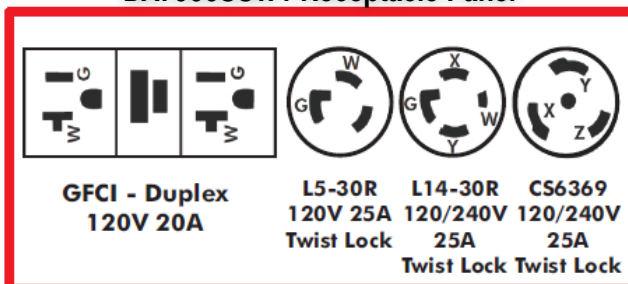
MLT Series - Model MLTDA7

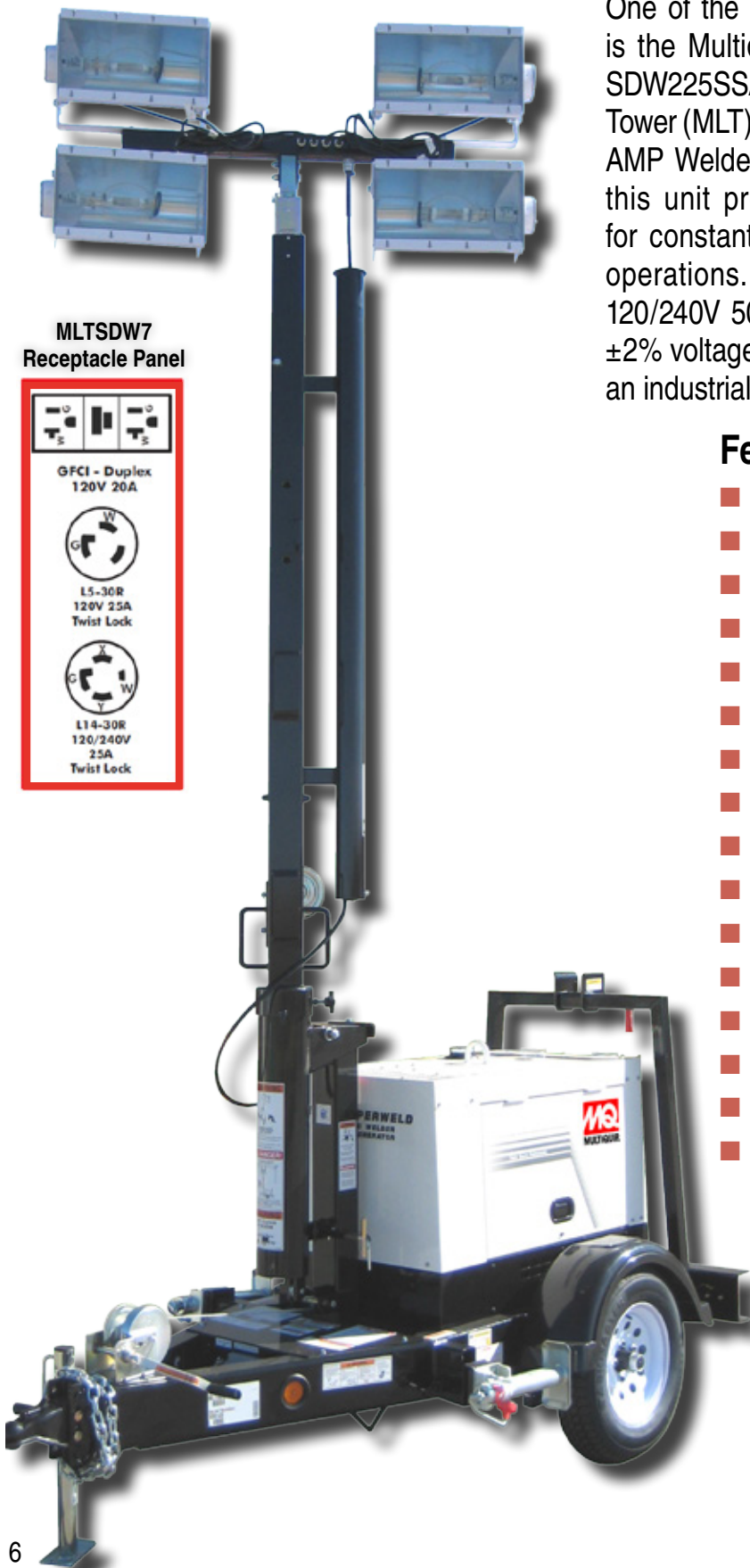
The **MLTDA7** represents a revolutionary concept in Light Tower design. The versatile nature of this tower permits lamp and External Power operations via the DA7000SSA1 gen set or allows for the lamps to operate separately from an external power source. Further, the Light Tower mast assembly can be removed from the unit to provide a compact towable generator package.

Features

- Industrial Multiquip MLT Trailer Frame
- Powerful DA7000SSW1 Generator
- Tier IV Kubota Z482 Diesel Engine
- Liquid-Cooled 12.5HP, 7kW Power
- 120/240V 60 Hz ($\pm 2.5\%$ Regulated)
- Amps at 120/240V - 50/25
- Trusted Brushless Alternator Design
- Quiet Operating - 65.7 dBA @23 feet
- Full Range Of Electrical Receptacles
- Lights - (4) 1000W Metal Halide
- Lumens - 440,000
- Fuel Capacity - 30 Gals.
- Wind Stability - 72 MPH
- (4) Heavy -Duty Jack Support Outriggers

DA7000SSW1 Receptacle Panel





One of the most versatile investments in the market is the MultiQuip **MLTSDW7**. MQ offers its premium SDW225SSA1 Welder/Generator on the Modular Light Tower (MLT) frame to provide a quality Light Tower, 225 AMP Welder/6 kW Generator package. As a welder, this unit provides outstanding arc characteristics for constant current (CC) or constant voltage (CV) operations. As a generator, this unit offers 6 kW 120/240V 50/25A continuous power with exceptional $\pm 2\%$ voltage regulation. The MLTSD7 is supported by an industrial trailer with 30 gal fuel capacity.

Features

- Industrial MultiQuip MLT Trailer Frame
- Whisperweld SDW225SSA1 Welder /Generator
- Tier IV Kubota Z482 Diesel Engine
- Liquid-Cooled 12.5HP, 7kW Power
- 120/240V 60 Hz ($\pm 2.5\%$ Regulated)
- Amps at 120/240V - 50/25
- DC Welder Voltage Range - 15 to 225
- DC Welder Duty Cycle @ 200A - 100%
- DC Welder Current Range Amps - 50 to 225
- Trusted Brushless Alternator Design
- Quiet Operating - 68.7 dBA @23ft
- Full Range of Electrical Receptacles
- Lights - (4) 1000W Metal Halide
- Lumens - 440, 000
- Fuel Capacity - 30 Gals.
- Wind Stability - 72 MPH



ALL-IN-ONE - the MLTSDW7 is the industry's only light tower offering the versatility of a premier generator plus high quality CC/CV welding capability.



MLT Series Specifications





Model	MLT	MLTDA7	MLTDAC7	MLTSDW7
Engine				
Engine Manufacturer	N/A	Kubota	Kubota	Kubota
Engine Model	N/A	Z482	Z482	Z482
EPA/Tier	N/A	Tier 4	Tier 4	Tier 4
Cylinders	N/A	2	2	2
Family	N/A	8KBXL.719KCC	8KBXL.719KCC	8KBXL.719KCC
Horsepower	N/A	12.5	12.5	12.5
Rated Speed-RPM	N/A	3600	3600	3600
Engine protection	N/A	High temp/low oil	High temp/low oil	High temp/low oil
Vibration isolation	N/A	Yes	Yes	Yes
Manifold exhaust direction	N/A	Up	Up	up
Sound Level dB @ 23 ft	N/A	65.7	65.7	68.7
Fuel Tank				
Fuel Capacity-gal (ltr)	30	30	30	30
Running time-hr	N/A	48 hrs @ $\frac{3}{4}$	48 hrs @ $\frac{3}{4}$	48 hrs @ $\frac{3}{4}$
Fuel consumption Gal. hr	N/A	0.625	0.625	0.625
Fill Neck opening	2"	2"	2"	2"
Fuel Pump	N/A	Mechanical	Mechanical	Mechanical
Trailer				
Axle Capacity	2000 lbs.	2000 lbs.	2000 lbs.	2000 lbs.
Tire size	13 in.	13 in.	13 in.	13 in.
Standard Hitch Type	2" Ball	2" Ball	2" Ball	2" Ball
Support points	4	4	4	4
Suspension Type	Torsion spring axle	Torsion spring axle	Torsion spring axle	Torsion spring axle
Generator				
Excitation	N/A	Brushless	Brushless	Brushless
Model	N/A	DA7000SSA1	DA7000SSA1	SDW225SSA1
Insulation	N/A	Class F	Class F	Class F
Wattage (KW) Max.	N/A	7000	7000	7000
Wattage (KW) Cont.	N/A	6000	6000	6000
Voltage	N/A	120/240	120/240	120/240
Frequency-Hz	60 Hz	60Hz	60Hz	60Hz
RPM	N/A	3600	3600	3600
Regulation \pm	N/A	$\pm 2.5\%$	$\pm 2.5\%$	$\pm 2\%$
Control Panel				
Individual breakers/Light	No	No	No	No
Hour meter	N/A	Yes	Yes	Yes
Cabinet Night Light	N/A	N/A	N/A	N/A
Lights				
Color	Bright White	Bright White	Bright White	Bright White
Lamps	(4) 1000W Metal Halide	(4) 1000W Metal Halide	(4) 1000W Metal Halide	(4) 1000W Metal Halide
Dimensions				
L x W x H (Inches)	173 x 50 x 70	173 x 50 x 70	173 x 50 x 70	173 x 50 x 70
Mast Deployed	30 Feet	30 Feet	30 Feet	30 Feet
Weight DRY (lbs)	1062	1588	1588	1768
Notes				
	Modular Light Tower Frame/Lights only		Generator meets CSA requirements	

Hitches	Standard	Option
MLT Series Light Towers ship with an adjustable 2" Ball Hitch (29228) mounted to the tongue. Optional 3" pintle hitch mount kit (29369) is available.	 29228	 29369

Night Hawk Specifications

Model	LT-12D	LT12D50SA	LT12DAB
Engine			
Engine Manufacturer	Kohler	Kohler	Kohler
Engine Model	KDW1003 Diesel	KDW1003 Diesel	KDW1003 Diesel
Family	8LBDL1.375F1	8LBDL1.375F1	8LBDL1.375F1
Spec.	PA-KDW 1003-5005	PA-KDW 1003-5005	PA-KDW 1003-5005
EPA/Tier	Tier 4	Tier 4	Tier 4
Cylinders	3	3	3
Horsepower (Cont.)	12	12	12
Rated Speed-RPM	1800	1500	1500
Engine protection	High temp/low oil	High temp/low oil	High temp/low oil
Vibration isolation	Yes	Yes	Yes
Manifold exhaust direction	rear of cab	rear of cab	rear of cab
Sound Level dB @ 23 ft	73	73	73
Fuel Tank			
Fuel Capacity-gal (ltr)	30	30	30
Running time-hr	64 hrs @ ¾	64 hrs @ ¾	64 hrs @ ¾
Fuel consumption Gal. hr	0.47	0.47	0.47
Fill Neck opening	3"	3"	3"
Fuel Pump	Mechanical	Mechanical	Mechanical
Trailer			
Axle Capacity	2000 lbs.	2000 lbs.	2000 lbs.
Tire size	13 in.	13 in.	13 in.
Standard Hitch Type	2" Ball	2" Ball	2" Ball
Support points	5	5	5
Suspension Type	3-leaf	3-leaf	3-leaf
Generator			
Generator Manufacturer	Mecc Alte	Mecc Alte	Mecc Alte
Model	LT3 100 - Brushless	LT3 110 - Brushless	LT3 110 - Brushless
Insulation	Class H	Class H	Class H
Wattage (KW) Max.	7000	6000	6000
Wattage (KW) Cont.	6000	5000	5000
Voltage	120/240	230	230
Frequency-Hz	60Hz	50Hz	50Hz
RPM	1800	1500	1500
Regulation ±	± 6%	± 6%	± 6%
Control Panel			
Individual breakers/Light	Yes	Yes	Yes
Hour meter	Yes	Yes	Yes
Cabinet Night Light	Yes	Yes	Yes
External Receptacles			
	(1) NEMA L14-30 30A-125V/250V	N/A	N/A
	Duplex 15A 120V GFCI	2 Covered Openings	2 Covered Openings
Lights			
Color	Bright White	Bright White	Bright White
Lamps	(4) 1000W Metal Halide	(4) 1000W Metal Halide	(4) 1000W Metal Halide
Dimensions			
L x W x H (Inches)	170 x 51 x 74	170 x 51 x 74	170 x 51 x 74
Mast Deployed	32 Feet	32 Feet	32 Feet
Weight DRY (lbs)	1610	1610	1610

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	Standard	Option		
Hitches				
	29546	29791	29720	29721

LT12 Night Hawk Towers ship with a 2" Ball Coupler (29546) mounted to the tow bar. Optional fixed Pintle (29791), height adjustable 2" Ball (29720) and Pintle (29721) are available.

* Engine power ratings are calculated by the individual engine manufacturer and the rating method may vary among engine manufacturers. Multiquip Inc. and its subsidiary companies makes no claim, representation or warranty as to the power rating of the engine on this equipment and disclaims any responsibility or liability of any kind whatsoever with respect to the accuracy of the engine power rating. Users are advised to consult the engine manufacturer's owners manual and its website for specific information regarding the engine power rating.

Version (01-13_JC)

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MULTIQUIP



Let there be light...
and power.



Multiquip's new high performance light towers provide quiet, reliable power and lighting for construction, mining and special events. Two models are available, each using DCA-series Whisperwatt™ generators. The MLT20 uses a DCA20SPXU2 single-phase generator and a choice of 4-light or 6-light mast configurations. The MLT25 is equipped with a DCA25SSIU3C generator and is capable of powering a 6-light mast assembly in either single or three phase settings.

- **Adapt to your site lighting requirements** with either 4 or 6 light mast configurations
- **Easily service** rugged metal halide lamp assemblies equipped with quick disconnect lamp connectors
- **Complete instrumentation** includes voltage regulator control, volt meter, ammeter and frequency meter
- **Connect temporary power boxes and tools** to output terminals and receptacles inside a fully enclosed control panel
- **Gain superior motor starting ability** with our open delta alternator design
- **Produce clean reliable power with voltage regulation** \pm 0.5% and frequency regulation of 3-5%
- **Minimize work area noise** with a sound attenuated, weatherproof housing emitting only 63 dB(A)
- **Long running times** are assured with a fuel efficient Isuzu water cooled, diesel engine and standard 100 gallon fuel capacity
- **Heavy-duty mast features** zinc dichromate sections for corrosion resistance deploys to a height of 30'
- **Maintain stability in environments** with up to 65 MPH winds, five outrigger points provide added security

Specifications

MLT Models	MLT20H, MLT20E, MLT20H6, MLT20E6	MLT25H, MLT25E
Generator Model	DCA20SPXU2	DCA25SSIU3C
Output - prime/standby	20kW/22kW	20kW/25kW
Voltage - Single phase	120/240V	120, 127, 139, 240, 254, 277
Voltage - Three phase	N/A	208, 220, 240, 416, 440, 460, 480V
Voltage Regulation	\pm 0.5%	
Sound Level	63 dB (A)	
Engine	Isuzu - BV4LE2 Electric Start	
Fuel Capacity	100 gallons	
Fuel Consumption	0.85 GPH ½ load; 1.66 GPH (full load)	
Lamp Type	1000 Watt metal halide - 660,000 Lumens	
Lamps per Mast	4 or 6	6
Lumens	440,000 (4 lights); 660,000 (6 lights)	
Mast	30' Deployed, 360° rotation	
Trailer / Brake Options	Dual Axle - 7,000 lb. GVWR - (H) = Hydraulic Suge - (E) = Electric	
Dimensions / Weight (6-lights)	172"x70x86" / 3,740 lb.	

Your Multiquip dealer is:



LT6K



**Delivering compact
lighting and power**



Multiquip introduces the

LT6K Series light tower.

It is compact, mobile, and combines features to tackle the demanding requirements found in construction, mining, energy exploration, security and event applications. The units provide total fluid containment, and the trusted Kohler Tier IV (F) engine genset provides exceptional power for lighting and electrical requirements.



- **Superior illumination** - is provided by metal halide lamps enclosed in a durable aluminum and steel housing that withstands harsh work environments.
- **Voltage regulation** $\pm 6\%$, brushless design and class H insulation.
- **Minimize work area noise** - weather resistant housing emitting only 68dB(A) .
- **Long running times** - up to 66hrs. of lighting are possible with the fuel efficient Kohler diesel engine.
- **Heavy-duty mast** - features zinc dichromate sections for corrosion resistance, and deploys to a height of 30'.
- **Stable platform** - operates up to 65 MPH with outriggers deployed.
- **Easy servicing** - quick-check access panels to essential electrical components.
- **Supply External Power** - 60HZ model provides convenient 120V & 240V receptacles.
- **Environmentally smart** - full fluid containment tub design.

Specifications:		
Model	LT6K	LT6K5
Voltage	120/240 V 1Ø	240 V 1Ø
Cycles (Hz)	60	50
Generator Output (max)	6,600W	6,600W
Generator Power	120V/50A - 240V/25A	240V/25A
Engine	Kohler KDW-1003	Kohler KDW-1003
Fuel Type	Diesel	Diesel
Engine Type	3-Cyl./Water Cooled	3-Cyl./Water Cooled
EPA Certification	Tier IV (Final)	Tier IV (Final)
Fuel Capacity	31 GAL	31 GAL
Run Time	66 Hrs	66 Hrs
Sound Level	68 dB(A)	68 dB(A)
Mast	30' (deployed) 360°	30' (deployed) 360°
Lamps (4)	1kW Metal Halide	1kW Metal Halide
Lamp Output	440,000 Lumens	440,000 Lumens
External Receptacles	Duplex 120V/15A GFCI (1) NEMA L145-30 125V/240V	Covers to accept power connectors
Trailer	DOT Certified	DOT Certified
Wind Stability	65 MPH (w/outriggers)	65 MPH (w/outriggers)
Support Points	(4) Adjustable Jacks	(4) Adjustable Jacks
Dimensions / Weight	112" x 50" x 72" / 1,575 lbs.	112" x 50" x 72" / 1,570 lbs.
Shipping DIMS.	(12) per 48' Flat Bed	(20) per 40' Container

Your Multiquip dealer is:





VENTE • LOCATION • RÉPARATION

**FOURNITURES INDUSTRIELLES
ÉQUIPEMENTS DE LA CONSTRUCTION
MOTEURS ÉLECTRIQUES
AIR COMPRIMÉ
POMPES ET ACCESSOIRES
MANUTENTION ET EMBALLAGE
MACHINERIE À BOIS ET À MÉTAL
PRODUITS SANITAIRES
ÉQUIPEMENT DE SÉCURITÉ**

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