

Diesel - Mobile Power and Lighting

1800 RPM

Ratings Range – 60 Hertz Operation

kW 8 - 20
kVA 8 - 25

Standard Voltage Rating

240/120V - Single Phase All Models
208/120V - Three Phase TG25T Only
480/277V - Three Phase TG25T Only

Light Mast Output

4000 Watt for 5-7 Acre Coverage
4 x 1000W Metal Halide Lamps

**Baldor Mobile Power and Lighting Features**

- Industrial grade liquid cooled engine
- Brushless alternator for long life and low maintenance
- Heavy duty steel enclosure, powder coat finish with corrosion resistant fasteners, latches, and hinges
- 2 lockable doors to provide easy access to genset controller, radiator fill point, and maintenance
- Highway quality suspension single axle trailer with a front leveling jack, running lights, and lighted license plate bracket
- Dual forklift pockets located on bottom of trailer for easy lifting
- 2" ball hitch coupling and removable trailer tongue for convenient towing and storage
- Engine starting battery included
- Prototype and production tested
- Side mounted weatherproof receptacles in a recessed panel
- Circuit breakers for all receptacles, easily accessible and mounted internally to genset enclosure
- Large internal 50 gallon fuel tank for long run times

Additional Light Mast Features

- Qty 4 elliptical light fixtures with 1000W metal halide lamps provide more efficient lighting pattern than conventional round fixtures
- Light mast extends to 30 feet and rotates 360 degrees for optimum lighting coverage
- Outriggers and light mast are zinc plated for corrosion resistance and long life

Baldor Mobile Power and Lighting Accessories

- 3-Inch Pintle Hitch
- Full Size Spare Tire
- Light Tower Kit for Genset Models
- Electric Winch Kit

Genset Specifications (AVR Alternator Models)

Output Voltage / Frequency 240/120 VAC, 1 Ph @ 60 Hz
 (TG25 is Selectable for 240/120 1 Ph,
 208/120 3 Ph, or 480/277 3 Ph)

Genset Ambient Temp Rating 113° F/45° C

Voltage Regulation 1%

Total Harmonic Distortion < 5%

Frequency Reg. NL to FL: Mechanical +/- 5%

Electrical Isochronous

Recommended Oil 15W-40

Alternator Temperature Rise 150° C

Alternator Insulation Class Class H

Unbalanced Load Capacity 20% of Standby Rating

Load Acceptance Capability 100% of Rating in One Step

Controller Mounting Internal to Genset Enclosure

Controller Type Digital

Controller Features Status Indicators and Backlit LCD
 display of battery volts, running hours, engine and genset faults

Engine Specifications

Kubota Engine Model	Hp Rating	Displacement L (in ³)	Number of Cylinders	EPA Tier	Governor Type	Oil Capacity w/Filter	Coolant Capacity	Battery Volts	Battery Min. CCA
D1005-E3BG	13.1	1.001 (61.08)	3	T4	Mechanical	1.35 Gal	5 Qt	12Vdc	550
D1305-E3BG	17.6	1.261 (76.95)	3	T4	Mechanical	1.51 Gal	5 Qt	12Vdc	550
D1703-M-E3BG	24.3	1.647 (100.5)	3	IT4	Electrical	1.48 Gal	5 Qt	12Vdc	750
V2403-M-E3BG	35.5	2.434 (148.5)	4	IT4	Electrical	2.51 Gal	8 Qt	12Vdc	750

TG Towable Generators and Light Towers

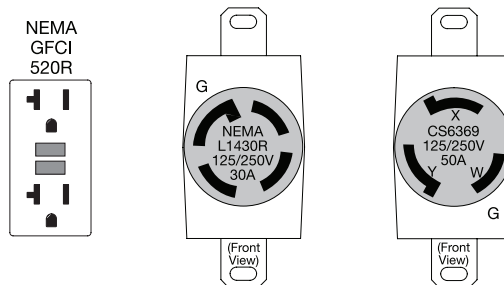
Catalog Number	kVA/kW Rating	Volts	Amps	Phase	Engine	Fuel GPH 1/2 Ld/Full Ld	Fuel Capacity Gallons	Approx. Shipping Weight	Towable Dimensions L x W x H
Diesel									
TG8LT	8 / 8	120/240	33	1	D1005-E3BG	0.45 / 0.75	50	1350 lbs.	158"x54"x71"
TG10T	10 / 10	120/240	41	1	D1305-E3BG	0.62 / 1.04	50	1200 lbs.	114"x54"x57"
TG15T	15 / 15	120/240	62	1	D1703-M-E3BG	0.79 / 1.31	50	1400 lbs.	114"x54"x57"
TG20T	20 / 20	120/240	83	1	V2403-M-E3BG	1.05 / 1.75	50	1550 lbs.	121"x54"x57"
TG25T	18 / 18	120/240	75	1	V2403-M-E3BG	1.05 / 1.75	50	1650 lbs.	121"x54"x57"
	25 / 20	120/208	69	3					
	25 / 20	277/480	30	3					

Note: TG8LT includes Light Mast and capacitor excited alternator. Baldor reserves the right to implement specifications or design changes without notice.

Warning: Do not connect generator to any buildings electrical system unless disconnect switch is installed.

Standard Outlet Power Receptacles – Single Phase

Standard Receptacle	Amp Rating	Outlet Voltage	Receptacle Type	Number of Receptacles per Genset				
				TG8LT	TG10T	TG15T	TG20T	TG25T
Nema 520R	20	120	GFI Duplex	1	2	2	2	2
Nema L1430R	30	120 / 240	Twistlock	1	2	2	2	2
CS6369	50	120 / 240	Twistlock	–	–	1	2	2



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