

Mobile Power

1800 RPM Diesel

Standby Power Ratings

60HZ	kVA 81	kW 65
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Continuous Power Ratings

60HZ	kVA 75	kW 60
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Made in USA
Generator available
with or without trailer

Baldor Mobile Power Generator Features

- Brushless generator for long life, low maintenance
- 3 position reconnection switch for easy voltage selection
- Voltage regulation 1/2%
- Baldor control system: All operator controls are located behind one lockable panel door
- Automatic safety shutdowns with indicator lights: low oil pressure, high water temp., engine overcrank, engine overspeed
- Industrial grade John Deere engine
- Illuminated instrumentation panel
- 50 or 60 hertz frequency
- Circuit breaker - main
- Circuit breakers - outlets
- Single point removable lifting eye
- 6 bolts to remove generator from trailer
- Cold start aid - air intake heater
- Fuel/water separator
- Generator available with trailer (TS80T) or without trailer (TS80S)
- Automatic start feature (with optional transfer switch)
- Lighted license plate bracket
- Premium grade DOT approved tandem axle highway trailer featuring: torsion bar suspension (no more broken leaf springs), diamond plate aluminum fenders, leveling jack, running lights, surge brakes
- Heavy gauge steel sound attenuated enclosure with muffler
- Durable powder coat paint finish
- Lockable door panels
- Long run internal fuel tanks
- Warranty:
 - limited 3 year warranty
 - 1 year or 3000 hours parts and labor
 - 3 year or 3000 hours parts

Options

- Electronic governor
- Electric brakes
- Block heater
- Battery charger
- Ball hitch (3" pintle hitch standard)
- Automatic transfer switches
- Generator without trailer

Generator Specifications

Standby Output 150° Rise kVA/kW:

Single phase voltage @ 240V	45/45
3 phase voltage @ 208V	72/58
3 phase voltage @ 240V	72/58
3 phase voltage @ 480V	81/65

Continuous Output 125° Rise kVA/kW:

Single phase voltage @ 240V	43/43
3 phase voltage @ 208V	69/55
3 phase voltage @ 240V	69/55
3 phase voltage @ 480V	75/60

Amperage (Continuous) kVA/kW:

Single phase amperage @ 240V/120V	179.2/358.3
3 phase amperage @ 208V	190.8
3 phase amperage @ 240V	165.4
3 phase amperage @ 480V	90.2

Voltage-3 phase adjustable . 208/220/240/416/440/460/480

Voltage-Single phase adjustable .120/127/139/240/254/277

3 phase power factor	0.8
Voltage regulation	1/2%
Frequency	50 or 60 Hertz
Total harmonic distortion	<5%
Insulation	Class F

Engine Specifications

Manufacturer	John Deere
Model	TO4045T
Cylinders	4
Induction system	Turbocharged
Displacement, L (cu. in.)	4.5L (276)
HP @ rated speed	100.0
RPM	1800
Bore and stroke	4.19" x 5.0"
Lubrication capacity (with filter)	14 Qts
Battery recommendation min. (cold cranking amps)	900
- Battery rack and cable supplied (battery not included)	
- Spin-on oil filter	
- Thermostat controlled cooling system	
- 12V engine alternator	
- 12V starter motor	

Ratings: - **Standby Ratings:** Standby ratings are applicable for supplying emergency power for the duration of a utility power outage. Primary power to the installation is utility supplied. No overload capability for standby rating. Standby ratings in accordance with ISO 3046, BS55114, DIN 6271. **Continuous Power Rating:** Continuous power is the maximum power available for continuous duty. A 10% overload capacity is available for 1 hour out of 12 hours of operation. For additional information, please consult factory. Manufacturer reserves the right to implement specifications or design changes without notice. **WARNING:** Do not connect generator to any building's electrical system unless a disconnect switch has been installed.

Distributed by:

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Receptacle Specifications

120 Volt 20 Amp GFCI	6
120/240 Volt CS6369 Twistlock	3
Two wire remote start capability	Yes

Fuel System Specifications

Fuel consumption (GPH):

1/2 load	2.7
Full load	4.9
Fuel	Diesel

Approximate run time (Hours):

1/2 load	30
Full load	16
Fuel Capacity (Gal.)	80

Weights and Dimensions

Weight without fuel	3848
Weight without fuel and without trailer	3053
Dimensions with trailer (L x W x H)	147" x 62" x 85"
Dimensions without trailer (L x W x H)	84" x 38" x 61"

Sound Level

Sound level dB(A)	67
7 meters, full load	

Engine, Generator Instrumentation

Voltmeter, ammeter, frequency meter, phase selector switch, oil pressure gauge, water temperature gauge, battery voltmeter, start/stop/auto switch, voltage adjusting rheostat, elapsed time meter, individual fault shutdown lights, panel lights with switch, receptacle panel