

**Mobile Power**

1800 RPM Diesel

**Standby Power Ratings**

60HZ	37 kVA	30 kW
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**Prime Power Ratings**

60HZ	33 kVA	27 kW
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Made in USA  
Generator available  
with or without trailer

**Baldor Mobile Power Generator Features**

- Brushless alternator for long life, low maintenance
- Voltage regulation 1/2%
- 60 Hertz frequency
- Industrial grade Tier 2 John Deere engine
- Glow plugs
- Fuel/water separator
- Electronic governor
- Digital Controller with analog gauges. Automatic safety shutdowns with digital readouts for low oil pressure, high water temp, engine overcrank and engine overspeed. Low fuel level shutdown (user select), battery disconnect switch, voltage adjust pot.
- Analog gauges and meters for engine oil pressure, coolant temp., battery volts, and generator output volts, hertz, amps with phase select
- Illuminated instrumentation panel
- Main Circuit breaker for main power connection
- Circuit breakers for single phase receptacles
- Single phase receptacles are powered during all main voltage configurations
- Heavy gauge steel sound attenuated enclosure with internally mounted muffler. Durable powder coat paint finish. Pad lockable doors
- Single point lifting eye
- Long run, internal, single wall XLPE fuel tank
- 6 bolts to remove generator from trailer
- Premium grade DOT approved single axle highway trailer featuring: Torsion bar suspension, plastic corrosive resistant fenders, front leveling jack, running lights, hydraulic brakes, lighted license plate bracket
- Generator available with trailer (TS35T) or without trailer (TS35S)
- 3" pintle hitch
- Battery included
- Warranty:
  - limited 3 year warranty
  - 1 year or 3000 hours parts and labor
  - 3 year or 3000 hours parts

**Options**

- Block heater
- Battery charger
- Shore power inlet for easy connection to block heater or battery charger
- Electric brakes
- 2" or 2-5/16" ball hitch coupler
- Automatic transfer switches
- Generator without trailer

## Generator Specifications – Preliminary

<b>Standby Output 125°C Rise</b>	<b>kVA/kW</b>
Single phase @ 240V .....	25/25
3 phase @ 208V .....	37/30
3 phase @ 240V .....	37/30
3 phase @ 480V .....	37/30
<b>Prime Output 105°C Rise</b>	<b>kVA/kW</b>
Single phase @ 240V .....	22/22
3 phase @ 208V .....	33/27
3 phase @ 240V .....	33/27
3 phase @ 480V .....	33/27
<b>Amperage (Standby Rating)</b>	<b>Amps</b>
Single phase amperage @ 240/120V .....	104/2X104
3 phase amperage @ 208V .....	104
3 phase amperage @ 240V .....	90
3 phase amperage @ 480V .....	45
<b>Voltage-3 phase adjustable</b> 208/220/240/416/440/460/480	
<b>Voltage-Single phase adjustable</b> 120/127/139/240/254/277	
3 phase Power Factor .....	0.8
Voltage Regulation .....	1/2%
Frequency .....	60 Hertz
Total Harmonic Distortion .....	< 5%
Insulation .....	Class H

## Engine Specifications

Manufacturer .....	John Deere
Model .....	4024TF270
Cylinders .....	4
Induction system .....	Turbocharged
Displacement, L (cu. in.) .....	2.4L (149)
EPA Emissions Level .....	Tier 2
HP @ rated speed .....	48
RPM .....	1800
Bore and stroke .....	3.4" x 4.1"
Lubrication capacity (with filter) .....	8.5 Qts
Battery recommendation (min. cold cranking amps) . . .	675
<ul style="list-style-type: none"> <li>- Battery, battery rack and cable supplied</li> <li>- Spin-on oil filter</li> <li>- Thermostat controlled liquid cooling system</li> <li>- 12V engine alternator</li> <li>- 12V starter motor</li> </ul>	

Ratings: - **Standby Ratings:** Standby ratings are applicable for supplying emergency power for the duration of a utility power outage. No overload capability for standby rating. Standby ratings in accordance with ISO 3046, BS55114, DIN 6271. **Prime Power Rating:** Prime power is the maximum power available for continuous duty. A 10% overload capacity is available for 1 hour out of 12 hours of operation. 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:

## Receptacle Specifications

120 Volt 20 Amp Duplex GFCI .....	2
120/240 Volt 50 Amp Twistlock (CS6369) .....	2
Two wire remote start capability .....	Yes

## Fuel System Specifications

<b>Fuel Consumption Standby Rating</b>	<b>GPH</b>
1/2 load .....	1.4
Full load .....	2.8
<b>Approximate Run Time</b>	<b>Hours</b>
1/2 load .....	36
Full load .....	18
<b>Fuel Capacity</b>	
Gallons .....	50
Fuel .....	Diesel

## Weights and Dimensions

Weight without fuel .....	2710
Weight without fuel and without trailer .....	2150
Dimensions with trailer (L x W x H) . . .	137" x 62" x 71"
Dimensions without trailer (L x W x H) .	74" x 38" x 54"

## Sound Level

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

## Other Features

Start/Stop/Auto Switch, Alarm Horn, Voltage Adjust Pot, Battery Disconnect Switch, Trailer Side Markers and Running Lights.



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