

Mobile Power

1800 RPM Diesel

Standby Power Rating		
60HZ	kVA 48	kW 38
Prime Power Ratings		
60HZ	kVA 44	kW 35



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%
- 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, self-priming engine
- Illuminated instrumentation panel
- 60 Hertz frequency
- Circuit breaker - main
- Circuit breakers - outlets
- Single point removable lifting eye
- 6 bolts to remove generator from trailer
- Cold start aid - glow plugs
- Fuel/water separator
- Generator available with trailer (TS45T) or without trailer (TS45S)
- Automatic start feature (with optional transfer switch)
- Lighted license plate bracket
- Premium grade DOT approved tandem axle highway trailer featuring: torsion bar suspension, 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	27/27
3 phase voltage @ 208V	46/37
3 phase voltage @ 240V	46/37
3 phase voltage @ 480V	48/38
Prime Output 125° Rise	kVA/kW
Single phase voltage @ 240V	25/25
3 phase voltage @ 208V	44/35
3 phase voltage @ 240V	44/35
3 phase voltage @ 480V	44/35
Amperage (Prime Rating)	kVA/kW
Single phase amperage @ 240V/120V	104.2/208.3
3 phase amperage @ 208V	121.4
3 phase amperage @ 240V	105.3
3 phase amperage @ 480V	52.6
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	60 Hertz
Total harmonic distortion	<5%
Insulation	Class H

Engine Specifications

Manufacturer	John Deere
Model	.5030TF270
Cylinders	5
Induction system	Turbocharged
Displacement, L (cu. in.)	3.0L (186)
HP @ rated speed	80
RPM	1800
Bore and stroke	3.4" x 4.1"
Lubrication capacity (with filter)	11.8 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. 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:

BALDOR

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Receptacle Specifications

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

Fuel System Specifications

Fuel Consumption Standby Rating	GPH
1/2 load	1.8
Full load	3.7
Approximate Run Time Standby Rating	Hours
1/2 load	44
Full load	22
Fuel Capacity	
Gallons	80
Fuel	Diesel

Weights and Dimensions

Weight without fuel	3340
Weight without fuel and without trailer	2629
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
Measured @ 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