TS175

Mobile Power
1800 RPM Diesel

Standby Power Ratings		
60HZ	188 kVA	150 kW
Prime Power Ratings		
60HZ	156 kVA	125 kW

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 3 John Deere engine
- Glow plugs
- Fuel/water separator
- Electronic governor
- Digital Controller with automatic safety shutdowns and 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.
- 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, double wall metal fuel tank
- 10 bolts to remove generator from trailer
- Premium grade DOT approved tandem axle highway trailer featuring: Torsion bar suspension, diamond plate aluminum fenders, front leveling jack, running lights, hydraulic brakes, lighted license plate bracket
- Generator available with trailer (TS175T) or without trailer (TS175S)
- 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

Standby Output 150°C Rise	**kVA/kW**
Single phase @ 240V	100/100
3 phase @ 208V	169/135
3 phase @ 240V	169/135
3 phase @ 480V	188/150
Prime Output 105°C Rise	**kVA/kW**
Single phase @ 240V	90/90
3 phase @ 208V	138/110
3 phase @ 240V	156/125
3 phase @ 480V	156/125
Amperage (Standby Rating)	**Amps**
Single phase amperage @ 240/120V	416/2X416
3 phase amperage @ 208V	468
3 phase amperage @ 240V	406
3 phase amperage @ 480V	225
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	6068HF285
Cylinders	6
Induction system	Turbocharged
Displacement, L (cu. in.)	6.8L (415)
EPA Emissions Level	Tier 3
HP @ rated speed	211
RPM	1800
Bore and stroke	4.2” x 5.0”
Lubrication capacity (with filter)	34 Qts
Battery recommendation (min. cold cranking amps)	925

- Battery, battery rack and cable supplied
- Spin-on oil filter
- Thermostat controlled liquid cooling system
- 12V engine alternator
- 12V starter motor

Receptacle Specifications

120 Volt 20 Amp Duplex GFCI	4
120/240 Volt 50 Amp Twistlock (CS6369)	4
Two wire remote start capability	Yes

Fuel System Specifications

Fuel Consumption Standby Rating	**GPH**
1/2 load	5.6
Full load	10.5
Approximate Run Time	**Hours**
1/2 load	38
Full load	20
Fuel Capacity	
Gallons	210
Fuel	Diesel

Weights and Dimensions

Weight without fuel	6385
Weight without fuel and without trailer	5390
Dimensions with trailer (L x W x H)	178” x 75” x 98”
Dimensions without trailer (L x W x H)	130” x 48” x 81”

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.

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

Baldor Electric Company
P.O. Box 2400 • Fort Smith, AR 72902-2400 U.S.A.
Phone (479) 646-4711 • Fax (479) 648-5792 • International Fax (479) 648-5895
www.baldor.com

© Baldor Electric Company
FM2415JT3

Printed in U.S.A.
11/06 FARR 2000