

TS350

Mobile Power 1800 RPM Diesel

Standby Power Ratings

60HZ	350 kVA	280 kW
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Prime Power Ratings

60HZ	319 kVA	255 kW
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Made in USA
Generator available
with or without trailer

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
- Ether Start Kit
- 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 coolant, low fuel level shutdown (user select). Emergency stop, controller disconnect switch, voltage adjust pot.
- Illuminated instrumentation panel
- Main Circuit breaker – with shunt trip for main power connection
- Circuit breakers for single phase receptacles
- Single phase receptacles are powered during all main voltage configurations
- Heavy gauge aluminum 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
- 8 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 (TS350T) or without trailer (TS350S)
- 3" pintle hitch
- Batteries 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
- 2-5/16" ball hitch coupler
- Automatic transfer switches
- Generator without trailer

Generator Specifications – Preliminary

Standby Output 150°C Rise	kVA/kW
Single phase @ 240V	206/206
3 phase @ 208V	350/280
3 phase @ 240V	350/280
3 phase @ 480V	350/280
Prime Output 125°C Rise	kVA/kW
Single phase @ 240V	187/187
3 phase @ 208V	319/255
3 phase @ 240V	319/255
3 phase @ 480V	319/255
Amperage (Standby Rating)	Amps
Single phase amperage @ 240/120V	858/2X858
3 phase amperage @ 208V	972
3 phase amperage @ 240V	842
3 phase amperage @ 480V	421
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	6090HF484
Cylinders	6
Induction system	Turbocharged, Charge Air Cooled
Displacement, L (cu. in.)	9.0L (549)
EPA Emissions Level	Tier 3
HP @ rated speed	422
RPM	1800
Bore and stroke	4.7" x 5.4"
Lubrication capacity (with filter)	39 Qts
Battery recommendation (min. cold cranking amps)	2X925
- Batteries, battery rack and cable supplied	
- Spin-on oil filter	
- Thermostat controlled liquid 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.

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	12.0
Full load	19.6
Approximate Run Time	Hours
1/2 load	32.5
Full load	19.9
Fuel Capacity	
Gallons	390
Fuel	Diesel

Weights and Dimensions

Weight without fuel	8900
Weight without fuel and without trailer	7350
Dimensions with trailer (L x W x H)	279" x 98" x 130"
Dimensions without trailer (L x W x H)	195" x 66" x 97"

Sound Level

Sound level dB(A)	70
7 meters, full load	

Other Features

Start/Stop/Auto Switch, Alarm Horn, Voltage Adjust Pot, Controller Disconnect Switch, Front Storage Compartment, Trailer Side Markers and Running Lights.

