



POWERED BY



JOHN DEERE

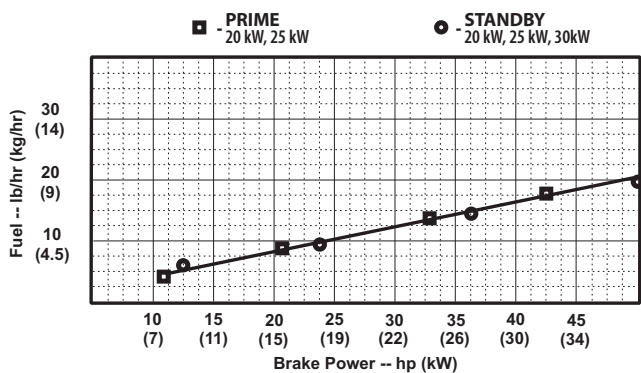
## 4024TF281 GEN SET

PowerTech E™ 2.4L Diesel Engine

<b>Model</b>	<b>4024TF281</b>
Number of Cylinders	4
Displacement -- L (cu. in)	2.4 (149)
Bore X Stroke -- in. (mm)	3.4 x 4.1 (86 x 105)
Compression Ratio	20.5:1
Engine Type	In-line, 4-Cycle
Aspiration	Turbocharged
Length -- in.	57
Width -- in.	25
Height -- in.	35
Weight, (approx) -- lb	1,500



Nominal Engine Power @ 1800 RPM			
Prime		Standby	
HP	kW	HP	kW
43	32	49	36



### Base Equipment

Remote Mounted Engine Control Panel • Heavy Duty Radiator Antifreeze • Radiator Shroud • Suction or Blower Fan with Guard • Air Filter with Canister • Industrial Grade Silencer 150 Amp Molded Case Circuit Breaker Installed • Dynagen Digital Control Panel for Remote Monitoring • Heavy Duty Powder Coated Steel Enclosure • Heavy Duty Steel Skid

All generator sets carry a 1 year warranty on all components against defects and faulty workmanship. John Deere™ diesel engines carry a 2 year -- 2000 hour warranty on same.

WARRANTY DOES NOT COVER ABUSE OR IMPROPER MAINTENANCE.

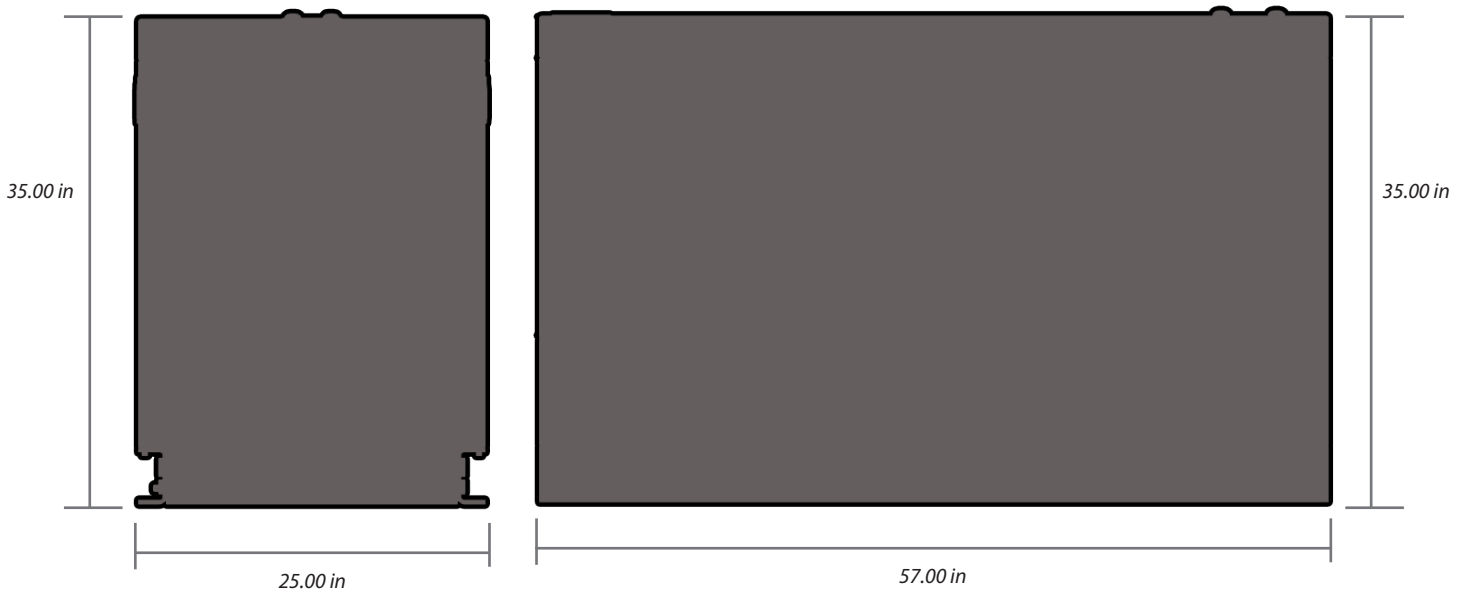
**When reliability is critical** you can rest assured that our generators consistently exceed the requirements of performing day in and day out, even under adverse conditions. When you choose a ProPak Generator you get a power source you can depend on and a reliable customer support structure that stands behind it.

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## DIMENSIONS



*Specifications and design subject to change without notice.*

## FEATURES AND BENEFITS

### Optimized Gear Train

- Front gear train of two high-contact-ratio gears mounted to the block
- Impressive low noise characteristics

### Independent Fan Drive

- Fan drive operates independently of water pump and is available in two heights to adapt to enclosures
- Fan drive ratios above and below 1:1 are available to match specific application requirements
- Automatic belt-tensioner and six rib poly-vee drive belt minimize maintenance and increases belt durability

### Hydraulic Valve Lifters

- Automatic adjustment eliminates the need for valve-lash adjustment, contributes to lower noise levels in the valve train
- Lowers operating costs

### Multiple-Function Component Integration

- Timing gear cover includes water pump housing, oil pump housing, governor housing and sensors
- Rocker arm cover includes intake manifold
- Integration results in higher quality, easier service, and reliability

### Independent Water Pump

- Durable cast-iron water pump resists corrosion and pitting for increased wear life

### Smooth Engine Operation

- Standard balancer shafts located inside the engine block with two bearings per shaft
- Decreased vibration reduces operator fatigue and need for instrument and control isolation

### Starting Aids

- Quick acting glow plugs are standard equipment and provide exceptional cold weather starting at temperatures as low as -15 degrees Fahrenheit
- Optional block heater is available

### Innovative Fuel Systems

- Contributes to cost effectiveness and clean design
- Mechanically governed unit pumps mounted inside the block eliminate external high-pressure lines, minimize leak paths and reduce noise level
- The electronic controller is standard equipment and provides isochronous governing, engine stop/start and superior generator set performance

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