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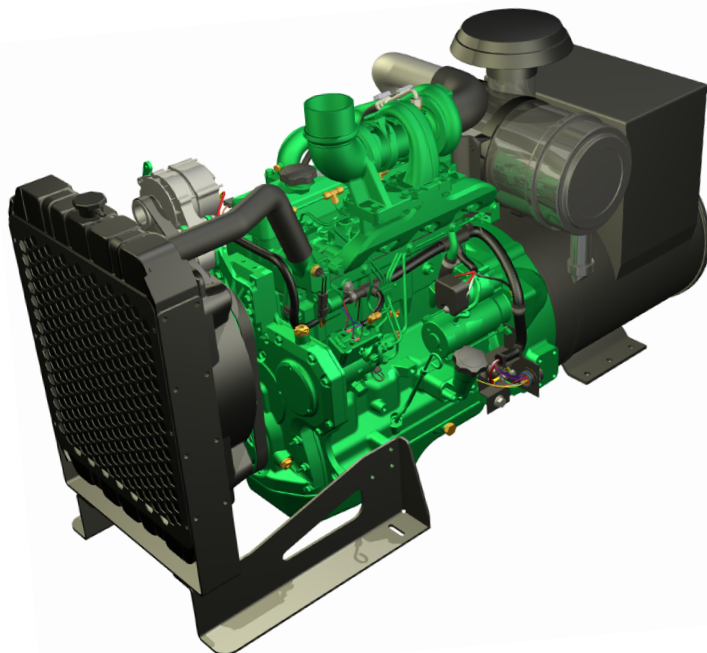


JOHN DEERE

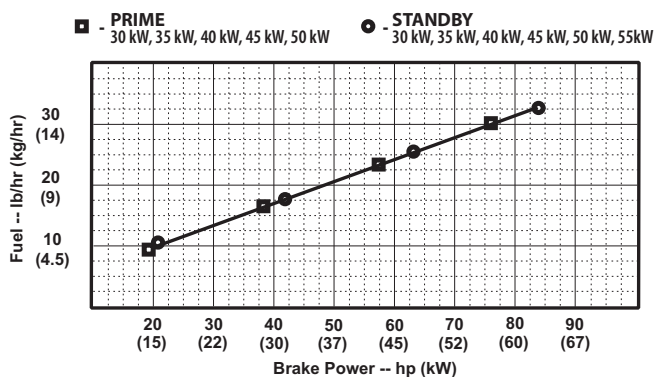
# 4045TF280 GEN SET

PowerTech M™ 4.5L Diesel Engine

<b>Model</b>	<b>4045TF280</b>
Number of Cylinders	<b>4</b>
Displacement -- L (cu. in)	4.5 (275)
Bore X Stroke -- in. (mm)	4.19 x 5.0 (106 x 127)
Compression Ratio	19.0:1
Engine Type	In-line, 4-Cycle
Aspiration	Turbocharged
Length -- in. (mm)	79.75 (2025)
Width -- in. (mm)	30.75 (781.05)
Height -- in. (mm)	69.034 (1753.45)
Weight, (approx) -- lb	1,750



Nominal Engine Power @ 1800 RPM			
Prime		Standby	
HP	kW	HP	kW
76	57	85	63



## Base Equipment

Remote or Rubber Mounted Engine Control Panel • Heavy Duty Radiator Antifreeze • Radiator Shroud • Suction or Blower Fan with Guard • Air Filter with Canister • Industrial Grade Silencer 225 Amp Molded Case Circuit Breaker Installed • Dynagen Digital Control Panel for Remote Monitoring • 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

41.243 in  
(1047.58 mm)



*Specifications and design subject to change without notice.*

## FEATURES AND BENEFITS

### 2-Valve Cylinder Head

- Cross-flow head design provides excellent breathing from a lower-cost 2-valve cylinder head

### Mechanical Rotary Fuel Pump

- The timing and fuel injection pressures are optimized to maximize performance and fuel economy at a given rated speed

### Fixed Geometry Turbocharger

- Fixed geometry turbochargers are precisely matched to the power level and application

### Turbocharged

- In turbocharged engines, the air is pre-compressed. Due to the higher pressure, more air is supplied into the combustion chamber allowing a corresponding increase in fuel injection which results in greater engine output

### Compact Size

- Mounting points are the same as Tier 2/Stage II engine models

### Engine Performance

- Block loading capability provided with standard electronic governor control

### Additional Features

- Self-adjusting poly-vee fan drive
- Forged-steel connecting rods
- Replaceable wet-type cylinder liners
- Either-side service
- Optional final fuel filter with water separator and water-in-fuel sensor
- Optional balancer shafts



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