

FEATURES

FPT N45 SM2 Engine

FPT Industrial (a division of Case/New Holland Industrial) is a leading manufacturer of engines for industrial applications backed by an extensive service network.

Control Panel

Simple key start with warning lights and analog gauges for ease of operation.

Cummins Generator End

The only 40/40 generator/compressor unit specifically designed for trailer applications with a Cummins generator end.

Rotorcomp Compressor

Rotorcomp's 10HP rotary screw air compressor has proven to be a durable design for over 40 years.

Safety Shutdowns

The engine is equipped with low oil pressure and low coolant shutdowns. The compressor is equipped with a low oil shutdown.

Compact Design

Our small footprint allows for easier installation.

100% Load Tested

Every generator is fully tested prior to leaving our facility.

WINPOWER® INDUSTRIAL DIESEL SERIES



DE4040 - 40kW with 40 CFM @120 psi



CONTROL PANEL

OPTIONAL ACCESSORIES

DSE4510 Digital Controller

View important diagnostic information and also have the ability to program analog/digital inputs and outputs.

DSE Webnet

Control/monitor your generator from a PC or Android/iOS devices.

Circuit Breaker Box

Square D circuit breaker box for remote mounting.

Maintenance Kit

Keep the engine at its peak performance to ensure the generator will be ready when needed most.

Battery

Interstate Group 24 650 CCA

GENERATOR SET

	WATTS	KVA	AMPS
120/240V 1-PH, 1.0 PF	40,000	40	167
120/208V 3-PH, 0.8 PF	40,000	50	139
120/240V 3-PH, 0.8 PF	40,000	50	125
277/480V 3-PH, 0.8 PF	40,000	50	60

ALTERNATOR

RATING	(105/40°C) STANDBY
VOLTAGE REGULATION	+/- 1.5%
TOTAL HARMONIC DISTORTION	<5%
TYPE	4 POLE REVOLVING FIELD
BRUSHLESS	YES
GENERATOR SPEED	1800 RPM
VOLTAGE CONTROL	AVR
STATOR	2/3 PITCH
WINDINGS	100% COPPER
SINGLE PHASE	12 LEADS
THREE PHASE	12 LEADS
BEARINGS	1 MAINTENANCE FREE
INSULATION	CLASS H
GENERATOR WARRANTY ⁽¹⁾	1 YR/UNLIMITED HRS

NOTES: (1) Warranty for prime/continuous usage. For more generator warranty information contact your local WINCO dealer.

COMPRESSOR

TYPE	ROTORCOMP NK 31 ROTARY
HORSE POWER	10
OIL CAPACITY	101.4 oz (3.17qts)
MAX DELIVERED QTY	42 CFM
MAX OPERATING PRESSURE	218 PSI (15 BAR)
MAX OUTLET TEMP	230°F (110°C)
MAX AMBIENT TEMP	115°F (46°C)
COOLING SYSTEM	OIL TO AIR & AIR TO AIR
AIR SERVICE CONNECTION	3/4" NPT

NOTES: Units are set to operate at 40CFM @ 120PSI. See operator's manual for adjustments and maintenance schedule.

ENGINE

BRAND	FPT
MODEL	N45 SM2
SPEED	1800 RPM
EPA	TIER III FLEX
TYPE	DIESEL
BORE x STROKE	104 x 132 mm
KWM @ 1800 RPM-STANDBY	67
GOVERNOR	MECHANICAL
CYLINDERS	4
TOTAL DISPLACEMENT	4.5L
ASPIRATION	TURBOCHARGED
EXHAUST OUTLET ⁽¹⁾	3"
ALTERNATOR	90 AMPS
STARTER	BOSCH
OIL & FILTER REPLACEMENT	600 HRS
RECOMMENDED OIL ⁽²⁾	10W 30
OIL CONSUMPTION	<0.1% OF FUEL
OIL CAPACITY	13.5 QTS
FLYWHEEL HOUSING/FLYWHEEL	SAE 3 /11" 1/2
COLD STARTING	
W/O PREHEATING	14°F (-15°C)
W/ PREHEATING	-13°F (-25°C)
BLOCK HEATER	STANDARD

ENGINE WARRANTY⁽³⁾ 1 YR/UNLIMITED HOURS

NOTES: (1) Muffler ships loose. (2) This oil is recommended for most applications. See Operator's Manual for more details on the appropriate oil type for your needs. (3) For more engine warranty information contact your local FPT dealer.

BATTERY

DC SYSTEM VOLTAGE	12V
BATTERY CHARGER	2 AMP
BATTERY RACK/CABLE	INCLUDED
REQUIRED BATTERY ⁽¹⁾	GROUP 24 650 CCA

Notes: (1) Battery not included

DERATING FACTORS

TEMPERATURE > 104°F	3% PER 10°F
ALTITUDE	3% PER 1000 FT
PRIME POWER	10%

FUEL

FUEL TYPE	DIESEL
FUEL CONSUMPTION	
100% LOAD	4.57 GAL/HR
50% LOAD	2.72 GAL/HR

SUB-BASE FUEL TANK

CAPACITY	54 GAL
RUN TIME	
100% LOAD	11 HRS
50% LOAD	19 HRS
TANK MATERIAL	POLYMER
CONTAINMENT	SINGLE WALL
FORKLIFT POCKETS	STANDARD

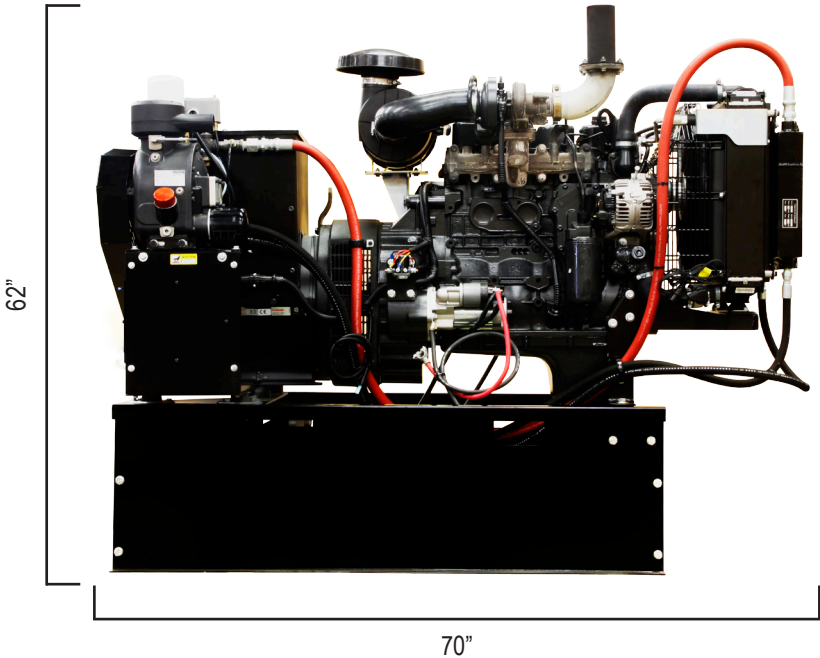
OPTIONAL DSE 4510 CONTROL FEATURES

FAIL TO START	YES
FAIL TO STOP	YES
LOW OIL PRESSURE	YES
HIGH ENGINE OIL TEMP	YES
UNDER FREQUENCY/SPEED	YES
OVER FREQUENCY/SPEED	YES
LOW VOLTAGE	YES
HIGH VOLTAGE	YES
BATTERY OVER/UNDER VOLTAGE	YES
DIGITAL DISPLAY	YES
EVENT LOG	50
AVAILABLE INPUTS	2
AVAILABLE OUTPUTS	2

SHIPPING

DIMENSIONS (LxWxH)	70" x 40" x 62"
NET WEIGHT	2,025 LBS
SHIPPING DIMENSIONS	81.25" x 41" x 65.50"
SHIP WEIGHT	2,250 LBS
FREIGHT CLASS	70

NOTES: Engines ship wet



Specifications are subject to change without notice.
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