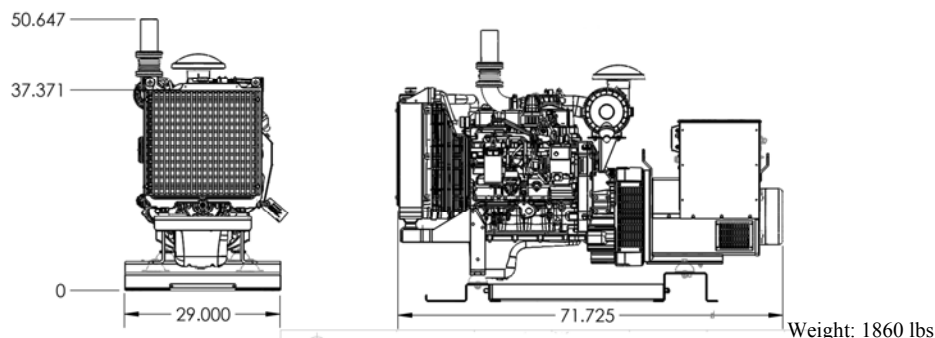


DE65F4

LIQUID-COOLED DIESEL GENERATOR

WINPOWER

Est. 1925



Powered by ...



FPT
POWERTRAIN TECHNOLOGIES

N45 SM2
4.5 Liter

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE ***VERS DE65I4 7-15

Electrical Output 62kW Standby/55.8kW Prime

| Output Voltage – 60Hz | kW | kVa | Amperes | CB Size |
|--------------------------|----|------|---------|---------|
| 120/240, 1-phase, 1.0 pf | 55 | 55 | 229 | 225 |
| 120/208, 3-phase, 0.8 pf | 62 | 77.5 | 215 | 225 |
| 120/240, 3-phase, 0.8 pf | 62 | 77.5 | 186 | 200 |
| 277/480, 3-phase, 0.8 pf | 62 | 77.5 | 93 | 100 |

*SINGLE PHASE RATING AT 125° HEAT TEMPERATURE RISE

EXPERIENCED DESIGN

- WINPOWER HAS BEEN BUILDING INDUSTRIAL GENERATORS SINCE 1925
- BUILT STRONGER TO LAST LONGER
- RUBBER ENGINE AND GENERATOR VIBRATION ISOLATION MOUNTS
- EXPERIENCED ENGINEERING GROUP
- EVERY UNIT IS 100% LOAD TESTED TO ENSURE QUALITY, WE DO NOT USE STATISTICAL SAMPLING
- ALL INVENTORY IS STORED INDOORS UNTIL IT SHIPS
- MADE IN THE USA

GENSET CONTROL

- KEY START WITH ENGINE PREHEAT
- STANDARD SAFETY FEATURES/SHUTDOWNS:
 - LOW OIL
 - OVER TEMPERATURE
 - OVER SPEED

GENERAL INFORMATION

Derating Factors

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

Fuel Consumption

100% LOAD 4.57 GAL/HR
50% LOAD 2.72 GAL/HR

Limited Warranty

Winpower warrants its product from material defects for a period of one year/1000 hrs. Iveco warrants the engine for prime power generator applications for 1 year/unlimited hours.

ENGINE SPECIFICATIONS

MAKE.....FPT
MODEL N45 SM2
EPA TIER III
TYPE DIESEL
KWM @ 1800 RPM-STANDBY 67 KWM
SPEED GOVERNOR MECHANICAL
CYLINDERS 4
TOTAL DISPLACEMENT 4.5L
ASPIRATION..... TURBOCHARGED
OIL & FILTER REPLACEMENT 600 HRS
EXHAUST OUTLET (MUFFLER SHIPS LOOSE) 3"
ELECTRICAL SYSTEM (NEGATIVE GROUND) 12 VDC
ALTERNATOR (BOSCH) 90 AMPS
STARTER..... BOSCH
BATTERY (NOT INCLUDED BCI 24)..... 650 CCA

ALTERNATOR SPECIFICATIONS

RATING 64kW @ 150°/60kW @ 125°
TYPE 4 POLE – REVOLVING FIELD
SPEED 1800 RPM
INSULATION SYSTEM..... CLASS H
SINGLE PHASE..... 12 LEAD
THREE PHASE 12 LEAD
PITCH..... 2/3
THD <5%
COUPLING FLEXIBLE DISC
BEARINGS (MAINTENANCE FREE) 1
AUTOMATIC VOLTAGE REGULATION +/- 1.5%
SINGLE PHASE RATING..... 1.0pf
THREE PHASE RATING 0.8pf