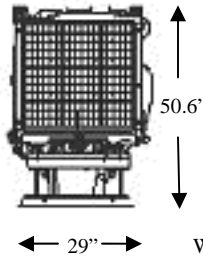
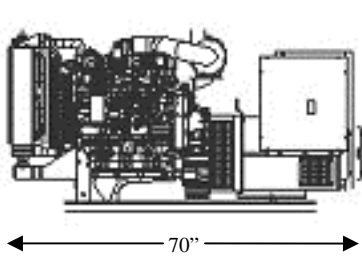


# D45I4

## LIQUID-COOLED DIESEL GENERATOR



Weight: 1700 lbs

**IVECO  
MOTORS**

Powered by ...  
**FPT**  
POWERTRAIN TECHNOLOGIES  
**N45 SM1**  
**4.5 Liter**  
**Turbocharged**

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE \*\*\*VERS D45I4 7-11

### Electrical Output 45kW Standby/40kW Prime

Output Voltage – 60Hz	kW	kVa	Amperes	CB Size
120/240, 1-phase, 1.0 pf	45	45	187	175
120/208, 3-phase, 0.8 pf	45	56	156	150
120/240, 3-phase, 0.8 pf	45	56	135	125
277/480, 3-phase, 0.8 pf	45	56	68	70

### 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
  - OVERTEMPERATURE
  - OVERSPEED

### GENERAL INFORMATION

#### Derating Factors

Temperatures > 104°F ..... 3% per 10°F  
 Altitude..... 3% per 1000 ft  
 Prime Power ..... 10%

#### Fuel Consumption

100% Load ..... 4.09 Gallons/Hr  
 50% Load ..... 2.16 Gallons/Hr

#### Limited Warranty

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

### ENGINE SPECIFICATIONS

MAKE..... IVECO  
 MODEL ..... N45 SM1  
 EPA ..... TIER III  
 TYPE ..... DIESEL  
 KWM @ 1800 RPM-STANDBY ..... 65  
 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 ..... (105/40°C) STANDBY  
 TYPE ..... 4 POLE – REVOLVING FIELD  
 SPEED ..... 1800 rpm  
 INSULATION SYSTEM..... CLASS H  
 SINGLE PHASE..... 4 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