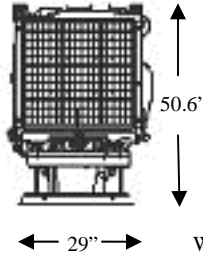
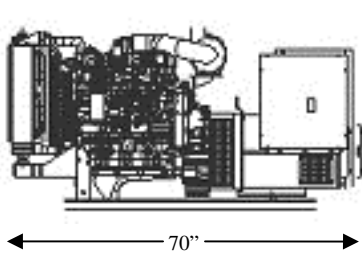


D45I4

LIQUID-COOLED DIESEL GENERATOR



Weight: 1700 lbs

**IVECO
MOTORS**

Powered by ...

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