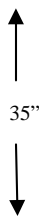
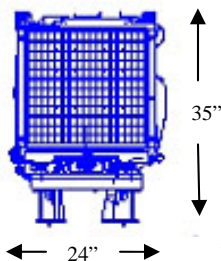
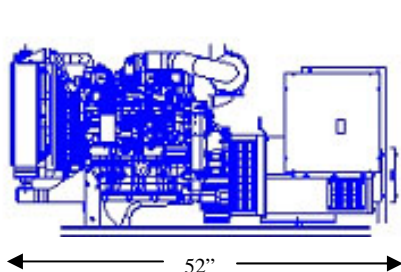


DE2014

LIQUID-COOLED DIESEL GENERATOR



Weight: 775 lbs

Powered by ...
ISUZU
4LE1
2.2 Liter
Naturally Aspirated

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE ***VERS D2014 7-11

Electrical Output 20kW Standby/18kW Prime

Output Voltage – 60Hz	kW	kVa	Amperes	CB Size
120/240, 1-phase, 1.0 pf	20	20	83	90
120/208, 3-phase, 0.8 pf	20	25	69	75
120/240, 3-phase, 0.8 pf	20	25	60	60
277/480, 3-phase, 0.8 pf	20	25	30	30

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 1.80 Gallons/Hr
 50% Load 0.90 Gallons/Hr

Limited Warranty

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

ENGINE SPECIFICATIONS

MAKE.....ISUZU
 MODEL4LE1
 EPA.....TIER IVi
 TYPEDIESEL
 GROSS HORSEPOWER-STANDBY..... 36 HP
 SPEED GOVERNORMECHANICAL
 CYLINDERS 4
 TOTAL DISPLACEMENT 2.2L
 ASPIRATION..... NATURAL
 OIL & FILTER REPLACEMENT250 HRS
 LUBE OIL CAPACITY..... 8.5 QTS
 FUEL SPEC.....D975 No 2 D
 EXHAUST OUTLET (MUFFLER SHIPS LOOSE) 2.0 inches
 ELECTRICAL SYSTEM (NEGATIVE GROUND) 12 VDC
 ALTERNATOR.....35 AMPS

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