

ISUZU REDTECH™ CONTROL PANELS

VERSATILITY

- Wide coverage of engine applications
- Pre-validated software for Isuzu engine models*
- Customizable I/O to aid in machine function
- Reliable: Sealed industrial-grade connectors for current Isuzu electronically controlled engines
- Eco-friendly: Reduces waste through easy software upgrades, extending product life
- Durable: Operates in any environment – indoor, outdoor, sun, water, and soil-resistant
- Technologically Advanced: Includes monitoring, auto ramping, maintenance alerts, and telematics with one reprogrammable controller



**ISUZU REDTECH™
TOUGH SERIES**
PN# 5Y3-149

Good for mobile generators. Simple control with fewer monitoring options.

DISPLAY:
Basic, monochrome screen. Works in temperatures from -20 to +70°C.

PROTECTION:
Sealed front, needs extra protection for the back.

APPLICATIONS:
Ideal for low-attendance machines like generators.

CUSTOMIZATION:
Less display customization and wiring is more traditional.



**ISUZU REDTECH™
TOUGH SERIES PRO**
PN# 5Y3-146

Many control options for various machines. Better for complex setups.

DISPLAY:
Bright full-color screen. Works in temperatures from -35 to +70°C.

PROTECTION:
Fully sealed for tough conditions.

APPLICATIONS:
Ideal for machines with frequent user interaction.

CUSTOMIZATION:
More display options and easier wiring setup. More switched inputs/outputs.

ENGINES

POWER UNITS

PRE-VALIDATED GENSET-READY POWER UNITS

ACCESSORIES

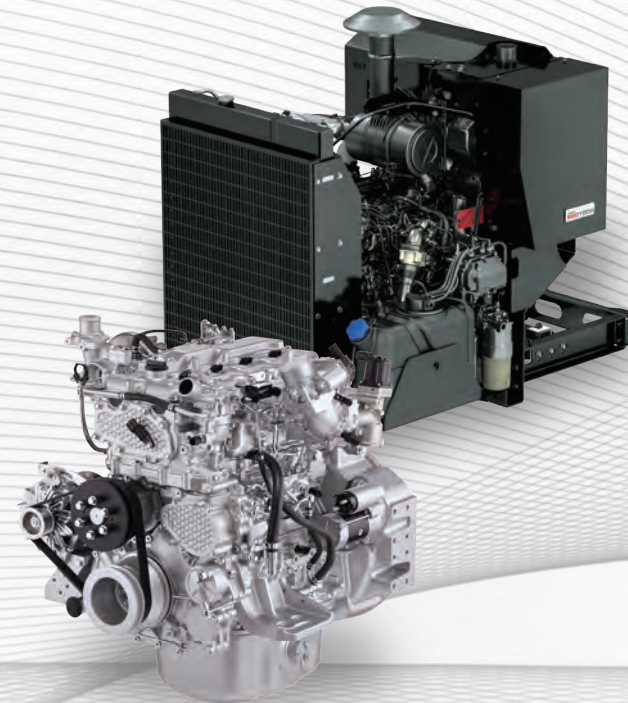
GENUINE PARTS

SERVICE TOOLS

ENGINES | POWER UNITS

ISUZU

The power behind it all.™



Distributor Info:

Isuzu Motors America, LLC
PowerTrain Division

46401 Commerce Center Dr.
Plymouth, MI 48170
734-582-9470
IsuzuEngines.com



IsuzuEngines.com

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DIESEL ENGINES



Isuzu Diesel Engines deliver reliable, eco-friendly, durable, and technologically advanced diesel engine solutions across various industries. Renowned for longevity and durability, these engines power most everything from forestry and construction equipment to generators, water pumps, and more.

POWER UNITS



Isuzu Power Units provide reliable solutions for diverse applications like hydraulic pumps, drill rigs, construction equipment, and much more. Available in various power configurations, these units are built to endure harsh conditions and can be customized to meet specific application requirements.

PRE-VALIDATED GENSET-READY POWER UNITS



Saving time, money and engineering resources, Isuzu pre-validated Genset-ready Power Units are 100% validated and tested in defined configurations. Designed for generators, these units deliver stable, clean power. Specialized fuel pumps and fixed rpm governors ensure reliable performance for prime, continuous, or standby power, ideal for industrial and commercial use.

*All applications must go through an approval process. See your authorized Isuzu Representative for details.

TIER 4
Diesel Engine Lineup¹

3C
SERIES

.99–1.6L Engine
11.8–23.2 HP
8.8–17.3 kW



**2-YEAR/
2,000 HOUR
ENGINE
LIMITED
WARRANTY**

6H
SERIES

7.8L Engine
216–282 HP
161–210 kW
24V System



**5-YEAR/
5,000 HOUR
ENGINE
LIMITED
WARRANTY**

4L
SERIES

2.2L Engine
40–66 HP
30–49 kW



**5-YEAR/
5,000 HOUR
ENGINE
LIMITED
WARRANTY**

**EMERGENCY STANDBY
OPTIONS AVAILABLE**

6U
SERIES

9.8L Engine
362 HP
270 kW



**5-YEAR/
5,000 HOUR
ENGINE
LIMITED
WARRANTY**

4J
SERIES

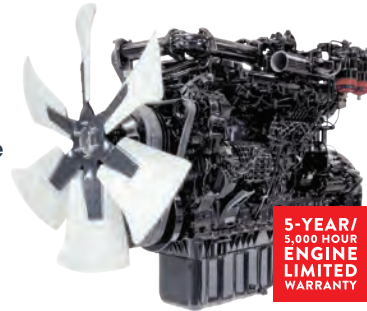
3.0L Engine
70–115 HP
52–86 kW



**5-YEAR/
5,000 HOUR
ENGINE
LIMITED
WARRANTY**

6W
SERIES

15.7L Engine
389–512 HP
290–382 kW
24V System



**5-YEAR/
5,000 HOUR
ENGINE
LIMITED
WARRANTY**

4H
SERIES

5.2L Engine
171–188 HP
127.5–140 kW
12V & 24V Systems



**5-YEAR/
5,000 HOUR
ENGINE
LIMITED
WARRANTY**

NOTE:

• Power range for HP/kW minimums/maximums include constant and variable rpms. See IsuzuEngines.com for complete engine specifications

• See your authorized Isuzu Representative for warranty and other details

¹ Isuzu offers engines at different emission levels to meet customer needs (U.S. EPA Tier 4, iT4, 3, 2 and EU Stage V, IV, III). Note: Emission levels may affect published power output.

TIER 4
Power Units

3C
SERIES

.99–1.6L
11.8–23.2 HP
8.8–17.3 kW



4L
SERIES

2.2L
40–66 HP
30–49 kW



4J
SERIES

3.0L
70–115 HP
52–86 kW



**NEW COMPACT
VERSION AVAILABLE**

4H
SERIES

5.2L
173–188 HP
129–140 kW



6H
SERIES

7.8L
260 HP
194 kW



PRE-VALIDATED
Genset-Ready Power Units²

4LE2
MODELS

2.2L Engine
Power Unit Options

- 4LE2TAGV03-421
- 4LE2XAGV01-421

Constant Speed:
• 4LE2T: 40.2 HP (30 kW) @1800 rpm
• 4LE2X: 66 HP (49 kW) @1800 rpm



4HK1X
MODELS

5.2L Engine
Power Unit Options

- 4HK1XAGV01-420
- 4HK1XAGV01-500

Constant Speed:
171 HP (128 kW) @1800 rpm



4JJ1X
MODELS

3.0L Engine
Power Unit Options

- 4JJ1XAGV01-420
- 4JJ1XAGV01-421

Constant Speed:
95 HP (71 kW) @1800 rpm



6HK1X
MODELS

7.8L Engine
Power Unit Options

- 6HK1XAGV01-420

Constant Speed:
260 HP (194 kW) @1800 rpm



² Pre-tested and 100% validated on specific models; over 90% validated on optional configurations and components. See your authorized Isuzu Representative for warranty and other details.

All Power Units Include:

- Cooling Package
- Skid Base/Engine Mounts
- Intake & Exhaust System

**2-YEAR/
2,000 HOUR
ACCESSORY
LIMITED
WARRANTY**

**5-YEAR/
5,000 HOUR
ENGINE
LIMITED
WARRANTY**



Reliable | Eco-friendly | Durable | Technologically Advanced