Open GenSet Power Units are Over 90% Pre-Validated

Can save OEMs and Distributors Engineering Time, Money and Resources

4J Series 1800 RPM EPA Tier 4 Certified:

- 3.0L, 4 Cylinder, 70.8 kW (95 HP) @ 1800 RPM
- 12V system
- SAE #3 Flywheel Housing
- 10” & 11.5” combination flywheel
- 500 hour oil change interval

Power Unit Options:

4JJ1XAGV01-420

- Distributor/OEM to use their own skid base design which requires a minimum of complete vibration testing and analysis by Isuzu Diesel.
- Distributor/OEM can fabricate a skid base locally from Isuzu Diesel provided skid base drawing. When used in combination with the required isolators, this combination does not require further vibration testing and analysis.

4JJ1XAGV01-421

- Includes skid base that features:
  - Integrated fork pockets for lifting
  - Adjustable generator cross member that can be repositioned to fit specific Stamford, Marathon or Mecc Alte generator models
  - Generator isolators

Benefits:

- SCR mounted high above flywheel to provide clearance for the generator
- Common wire harness used across multiple engine platforms
- Standard PCV heater to prevent line freeze-up
- Standard crankcase pressure safety switch
- Pre-validated cooling package (open power unit configuration) good to 45C ambient temperature
- Pre-validated air intake and exhaust systems that meet Isuzu air inlet restriction, air inlet temperature rise, exhaust back pressure restriction and exhaust temperature drop criteria
- Pre-validated for vibration on select power unit configurations and generators

Contact Isuzu or your Isuzu Distributor today!
Customer procures Isuzu-approved skid base locally. (Drawing provided upon request)

**Compatible Generator**
- Stamford UCI224E1
- Customer defines generator (compatibility not to exceed Power Unit dimensions)

**Generator Isolators**
- Mecanocacho BSB110 40SHA
- Customer defines generator isolators

**Control Panel**
- Dynagen TG410 Hardware 1.10 and Firmware 1.87
- Customer defines control panel

**Testing Requirements**
- Control Panel user settings subject to review and testing
- Control Panel Testing
  - Vibration Testing

**Applicable Conditions**
- Open Power Unit - 46.1°C max ambient

**Frame Mounts**
- Adjustable generator cross member skid base included in the 421 Power Unit fits the generators listed below:
  - (A) Stamford UCI224E1
  - (B) Stamford S1L2, UC22F Series
  - (C) Marathon 362, 363 Series *
  - (D) Mecc Alte ECP32 Series **
  - (E) Tech Products 52011-55
  - (F) Customer selection

Note: Submit results from any required testing, as noted above, to Isuzu Diesel application engineering for engine and power unit specification release for sale.

* Generators with inertia \( \leq 0.4999 \text{ kgm}^2 \) ok.
** Mecc Alte ECP32 1S4 and 2S4 are not compatible with 4JJ1XAGV01-420 or 4JJ1XAGV01-421

Open Power Unit - 45°C max ambient
Open GenSet Power Units are Over 90% Pre-Validated

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4H Series 1800 RPM EPA Tier 4 Certified:
• 5.2L, 4 Cylinder, 127.5 kW (171 HP) @ 1800 RPM
• 12V system
• SAE #3 Flywheel Housing
• 11.5” flywheel
• 500 hour oil change interval

Power Unit Options:
4HK1XAGV01-420
• Includes skid base that features:
  - Integrated fork pockets for lifting
  - Dual cross members for generator mounting
  - Fits select Stamford generators

4HK1XAGV01-500
• Includes skid base that features:
  - Integrated fork pockets for lifting
  - Single cross member for generator mounting
  - Fits select Mecc Alte generator models

Benefits:
• SCR mounted high above flywheel to provide clearance for the generator
• Common wire harness used across multiple engine platforms
• Standard PCV heater to prevent line freeze-up
• Standard crankcase pressure safety switch
• Single side service for filters
• Pre-validated cooling package (open power unit configuration) good to 46.1C ambient temperature
• Pre-validated air intake and exhaust systems that meet Isuzu air inlet restriction, air inlet temperature rise, exhaust back pressure restriction and exhaust temperature drop criteria
• Pre-validated for vibration on select power unit configurations and generators

Contact Isuzu or your Isuzu Distributor today!
**Skid Base**

Skid base and generator cross member included in 420 PU.

**Compatible Generator**

Stamford UCI274D1

**Generator Isolators**

Mecanocaicho BSB125 40SH

**Control Panel**

Dynagen TG410 Hardware 1.10 and Firmware 1.87

**Testing Requirements**

Control Panel user settings subject to review and testing

**Applicable Conditions**

Open PU (or inside building) 46.1°C max ambient

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**4HK1XAGV01-500**

Skid base and generator cross member included in 500 PU.

(A) Mecc Alte EC32 Type C*

(B) Mecc Alte ECP34 2M4C**

(C) Mecc Alte ECO38 2S4C***

(D) Tech Products 52011-65

(E) Customer selection

Customer defines control panel

Control Panel Testing only - for B and D items noted above. Vibration and control panel testing for all other combinations of generator and generator isolator noted above.

Open PU (or inside building) 46.1°C max ambient

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*Compatible generator fits dimensionally on the PU.

** Mecc Alte ECP32 type C and ECP34 type C fit on the cross member that comes standard on the 500 PU.

*** Mecc Alte ECO38 2S4C requires a unique cross member. Customer will need to design this cross member.

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Note: Submit results from any required testing, as noted above, to Isuzu Diesel application engineering for engine and power unit specification release for sale.
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6H Series 1800 RPM EPA Tier 4 Certified:
- 7.8L, 6 Cylinder, 193.8 kW (260 HP) @ 1800 RPM
- 24V system
- SAE #2 Flywheel Housing
- 11.5” flywheel
- 500 hour oil change interval

Benefits:
- Long skid base with integrated fork pockets
- Subframe for mounting SCR, air cleaner, fuel & oil filters, ECM/DCU and control panel
- Dual DEF tanks (fill either side)
- Adjustable mounting to facilitate radiator alignment
- SCR mounted high above flywheel to provide clearance for the generator
- Standard PCV heater to prevent line freeze-up
- Standard crankcase pressure safety switch
- Single side service for filters
- Pre-validated cooling package (open power unit configuration) good to 45C ambient temperature
- Pre-validated air intake and exhaust systems that meet Isuzu air inlet restriction, air inlet temperature rise, exhaust back pressure restriction and exhaust temperature drop criteria
- Pre-validated for vibration on select power unit configurations and generators

Power Unit Options:
6HK1XAGV01-420
- Includes skid base that features:
  - Integrated fork pockets for lifting
  - Dual cross members for generator mounting
  - Generator isolators included for 4 point mount generator
  - Fits select Stamford generators
  - Optional generators can be accommodated with design of optional generator mounts

Contact Isuzu or your Isuzu Distributor today!

isuzuengines.com
Skid Base

Skid base and generator cross member included in 420 PU

Compatible Generator

Stamford UCI274G1

Generator Isolators

Mecanocaicho 135361 40 durometer

Control Panel

Dynagen TG410 Hardware 1.10 and Firmware 1.87

Testing Requirements

Control Panel user settings subject to review and testing. Any hardware combinations different from what is specified above (generators, generator isolators, control panels) will require testing.

Applicable Conditions

Open PU (or inside building) 45°C max ambient

Frame Mounts

Note: Submit results from any required testing, as noted above, to Isuzu Diesel application engineering for engine and power unit specification release for sale.