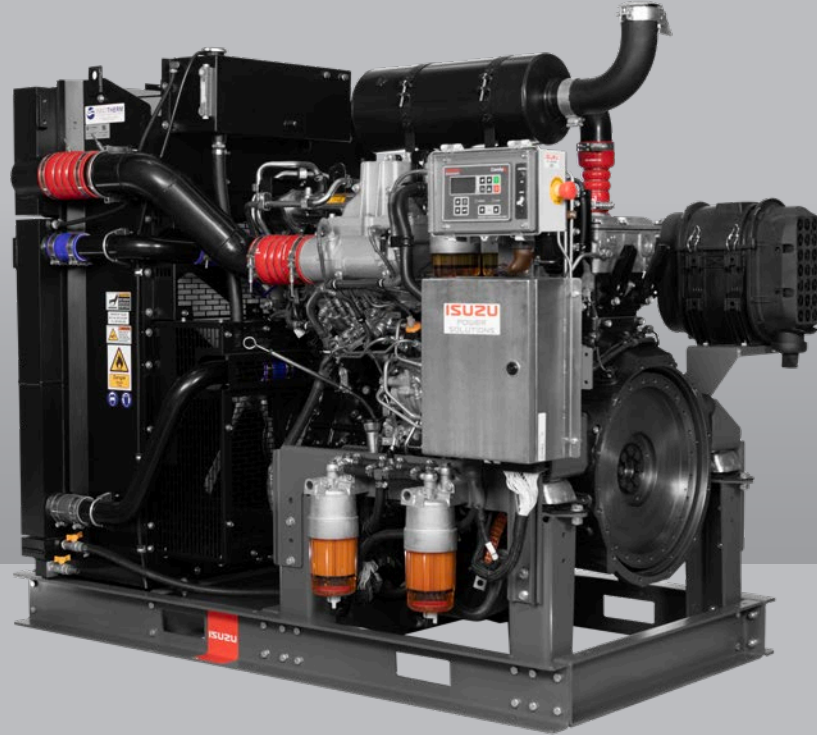


SPECIFICATION

Isuzu Power Solutions.
For those who never stop.



AT A GLANCE

Power Output ■ Max. 270.0 kW / 362.1 hp (rated) @ 1950 RPM
■ Max. 229.5 kW / 307.8 hp (cont.) @ 1950 RPM

Torque Output ■ Max. 1435 Nm @ 1500 RPM

Displacement ■ 9.8 L

Bore x Stroke ■ 120 x 145 mm

O/A Dimensions (engine only) ■ 1368 mm (L)
■ 1012 mm (W)
■ 1230 mm (H)

Dry Weight (engine only) ■ 840 kg

Features

- Turbocharged intercooled diesel engine
- Common rail direct injection fuel system
- Low noise, low fuel consumption, low maintenance
- Easy to start
- Reliable power
- Water cooled
- Tier-3 emission spec. reference
- Genuine Isuzu engine manufactured in Japan

ENGINE PERFORMANCE

Engine Power	RPM	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	1950
Rated (kW / hp)		114.0 / 152.9	134.0 / 179.7	158.0 / 211.9	180.0 / 241.4	200.0 / 268.2	225.4 / 302.3	240.0 / 321.8	250.0 / 335.3	260.0 / 348.7	268.0 / 359.4	270.0 / 362.1
Continuous (kW / hp)		96.9 / 129.9	113.9 / 152.7	134.3 / 180.1	153.0 / 205.2	170.0 / 228.0	191.6 / 256.9	204.0 / 273.6	212.5 / 285.0	221.0 / 296.4	227.8 / 305.5	229.5 / 307.8

SPECIFICATIONS

ENGINE

Type:	Vertical water-cooled 4-cycle Diesel
Model (Manufacturer):	6UZ1-XYBW01 (Isuzu)
Emission Spec. Reference:	Tier-3 / Stage-IIIa
Max. Rated Output:	270.0 kW (362.1 hp) @ 1950 RPM
Continuous Output:	229.5 kW (307.8 hp) @ 1950 RPM
Max. Torque	1435 Nm @ 1500 RPM
Displacement:	9.8 L
Combustion System:	Direct Injection (Turbocharged, Intercooled)
O/A Dimensions:	1368 (L) x 1012 (W) x 1230 mm (H)
Dry Weight:	840 kg
Fuel Consumption:	69.0* L/h @ 100% load

*Based on diesel fuel with a specific gravity of 0.835 kg/m³ at 15°C. Actual value may vary.

POWER UNIT CONFIGURATIONS

- 1. Starter (STR)**
 - Light duty air cleaner system
 - Industrial grade exhaust system
 - Engine mounting feet
 - Heavy duty full aluminium cooling system (max. 45°C)
 - 24V complete electrical system (incl. engine harness and stop solenoid)
- 2. Premium (PRM) Features include STR plus:**
 - Heavy duty air cleaner system (dual element)
 - Air cleaner restriction indicator
 - Residential grade exhaust system
 - Skid rail chassis mounting
 - High performance heavy duty cooling system (50°C +)
 - IP65 'PRO' engine controller (advanced watchdog protection + application I/O)
 - Remote oil drain kit

KEY BENEFITS

DESIGN

- Australian designed and sourced engine mounts and skid
- Australian designed heavy duty bar and plate all aluminium radiator
- Premium quality air cleaners
- Complete electrical engine harness (includes engine stop solenoid, glow plug assisted start)
- IP65 stainless steel ECM enclosure with LED indicators

CONTROL PANEL

ComAp 'PRO' professional engine controller (advanced engine monitoring protection, plus customer application inputs/outputs, complete event history log, large easy to read display)



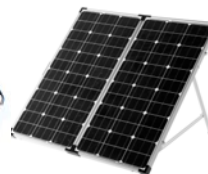
ComAp 'PRO' Controller

OPTIONS

- Premium pump pressure transducer range
- 4G remote monitoring and control kit
- Low coolant alarm protection kit
- 160W solar battery charging kit
- Extension harnesses
- Coolant surge tank kit



Transducer option



Solar panel option



Clutch option