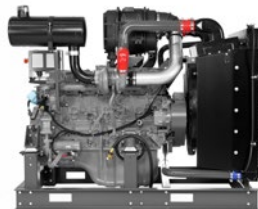
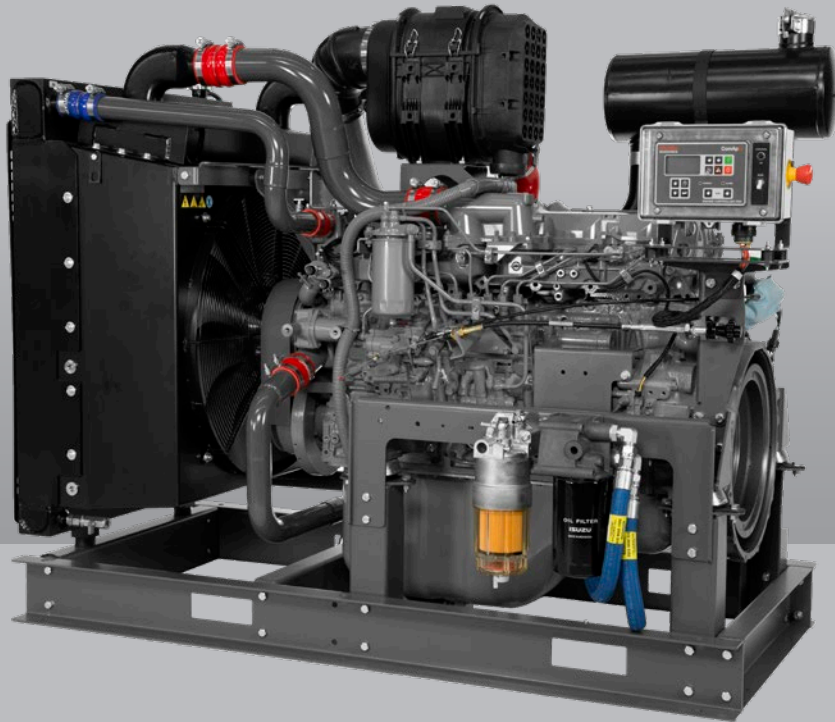


6HK1XQ



SPECIFICATION

Isuzu Power Solutions.
For those who never stop.



AT A GLANCE

Power Output

- Max. 183.9 kW / 246.6 hp (rated) @ 2000 RPM
- Max. 156.3 kW / 209.6 hp (cont.) @ 2000 RPM

Torque Output ■ Max. 873 Nm @ 1700 RPM

Displacement ■ 7.8 L

Bore x Stroke ■ 115 x 125 mm

O/A Dimensions (engine only)

- 1332 mm (L)
- 955 mm (W)
- 1143 mm (H)

Dry Weight (engine only) ■ 650 kg

Features

- Turbocharged diesel engine
- Mechanical direct injection fuel system
- Low noise, low fuel consumption, low maintenance
- Easy to start
- Reliable power
- Water cooled
- Tier-2 emission spec. reference
- Genuine Isuzu engine manufactured in Japan

ENGINE PERFORMANCE

Engine Power	RPM	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
Rated (kW / hp)		75.0/100.6	85.0/114.0	98.0/131.4	105.0/140.8	115.0/154.2	131.0/175.7	150.0/201.2	170.0/228.0	180.0/241.4	182.0/244.1	183.9/246.6
Continuous (kW / hp)		63.8/85.5	72.3/96.9	83.3/111.7	89.3/119.7	97.8/131.1	111.4/149.3	127.5/171.0	144.5/193.8	153.0/205.2	154.7/207.5	156.3/209.6

SPECIFICATIONS

ENGINE

Type:	Vertical water-cooled 4-cycle Diesel
Model (Manufacturer):	6HK1-XQP03 (Isuzu)
Emission Spec. Reference:	Tier-2 / Stage-II
Max. Rated Output:	183.9 kW (246.6 hp) @ 2000 RPM
Continuous Output:	156.3 kW (209.6 hp) @ 2000 RPM
Max. Torque	873 Nm @ 1700 RPM
Displacement:	7.8 L
Combustion System:	Direct Injection (Turbocharged Intercooled)
O/A Dimensions:	1332 (L) x 955 (W) x 1143 mm (H)
Dry Weight:	650 kg
Fuel Consumption:	52.1* 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. Economy (ECY)** **Features include STR plus:**
 - Medium duty air cleaner system (dual element)
 - Residential grade exhaust system
 - Skid rail chassis mounting
 - Mechanical vernier throttle kit
 - IP65 'ECO' engine controller (essential watchdog protection)
 - Engine RPM sender (MPU)
- 3. Premium (PRM)** **Features include ECY plus:**
 - Air cleaner restriction indicator
 - High performance heavy duty cooling system (50°C +)
 - Engine oil pressure and temperature senders
 - 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)

CONTROL PANEL

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



DeepSea 'ECO' Controller



ComAp 'PRO' Controller

OPTIONS

- Electronic throttle actuator kit
- Premium pump pressure transducer range
- 4G remote monitoring and control kit
- Heat Exchanged cooling package
- Low coolant alarm protection kit
- 160W solar battery charging kit
- Extension harnesses
- Coolant surge tank kit



Transducer option



Heat Exchanger option



Clutch option