

MODEL: SDG100S-7B1 – PRIME/RENTAL GENERATOR

AIRMAN

Airman is one of Japan's leading manufacturers of generators. Featuring superior engineering, their products are well suited to Australia's climatic conditions and specifically designed for Prime/Rental application. When utility power is not available, you can rely on prime generators to provide your house or business with a reliable solution. Built tough and easy to use and maintain, this SDG100S-7A5 Airman generator is all you need to provide a reliable source of energy.

Model	SDG100S-7B1
Rating	80 kVA (Prime Power)
Voltage	415v
Frequency	50Hz
Phases	3
Engine Make / Model	Isuzu BI-4HKIX
Dimensions (Lxwxh)	2,450mmx1,180mmx1,830mm
Weight	2,095 kgs (Dry)
Noise Level	60 dB(A) @ 7m
Fuel Tank Capacity	740 L
Autonomy	56 hours @ 75% load



Standard Features and benefits

- ✓ **Exceptional productivity:** 83 hours runtime at 50% load with the fully bunded fuel tank which also prevent any rain water penetration
- ✓ **Durable:** 1500rpm low speed Kubota engine
- ✓ **Reliable:** AVR alternator protecting all your sensitive appliances from voltage variation.
- ✓ **Safe:** control panel shutdown protections (Over speed, oil pressure, water temperature and Earth leakage isolation) and indicators (Voltmeter, ammeter, frequency meter...)
- ✓ **Stress free maintenance:** Side doors can be wide open to give access to the filters and be able to check the coolant and oil level easily. Mounting and demounting fuel tank has been made simple by making the bottom floor entirely flat. The radiator can be cleaned by removing both side front covers.
- ✓ **Flexible:** Equipped with auxiliary fuel tank selection valve for connecting to an external fuel tank
- ✓ **Easy handling:** With its central lifting ring this generator can be position anywhere needed in no time.
- ✓ **Super Quiet:** 60 dB(A) @ 7m equivalent of being 1m away from an usual conversation

- ✓ **Simple to operate:** analogic control panel simple to operate with all the information you need to run and take care of your generator (Key start, Fuel gauge, hour meter, battery charge, air filter blocked...). Also equipped with a cable terminal box to easily connect to a distribution board.



Analog controller

- ✓ **Environmental friendly:** Engine meets EPA Tier 2 emission standards
- ✓ **Guaranteed:** 1 year or 1000 hours warranty

Engine Specifications

GENERAL ENGINE DATA

Engine model	Isuzu
Engine ref.	BI-4HKIX
Type	Direct injection, turbo charged
Number of cylinders	4
Displacement (L)	5.193
Rated output PS (kW)	131.0 (96.3)
Speed (RPM)	1500
Fuel	Diesel
Fuel tank capacity (L)	740
Consumption @ 75% load (L/h)	13.2
Consumption @ 50% load (L/h)	8.9
Lubricating oil capacity (L)	20.5
Cooling water capacity (L)	21.5