

MODEL: SDG100S-3A5 – RENTAL/PRIME 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 application. When utility power is not available, you can rely on prime generators to provide your house or business with a reliable solution. The SDG100S-3A5 Airman generator is all you need to provide a reliable source of energy.

Model	SDG100S-3A5
Rating	80 kVA (Prime Power)
Voltage	415v
Frequency	50Hz
Phases	3
Engine Make / Model	Isuzu DD-6BG1T
Dimensions (Lxwxh)	2,600mmx1,000mmx1,400mm
Weight	1,640 kgs (Dry)
Noise Level	61 dB(A) @ 7m
Fuel Tank Capacity	225 L
Autonomy	15.5 hours @ 75% load



Standard Features and benefits

- ✓ **Exceptional productivity:** 22 hours runtime at 50% load
- ✓ **Durable:** 1500rpm low speed Isuzu 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...)
- ✓ **Easy 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 and passage of forks this generators this generator can be position anywhere needed in no time.
- ✓ **Super Quiet:** 61 dB(A) @ 7m equivalent of being 1m away from an usual conversation
- ✓ **Environmental friendly:** Engine meets EPA Tier 2 emission standards
- ✓ **Guaranteed:** 1 year or 1000 hours warranty

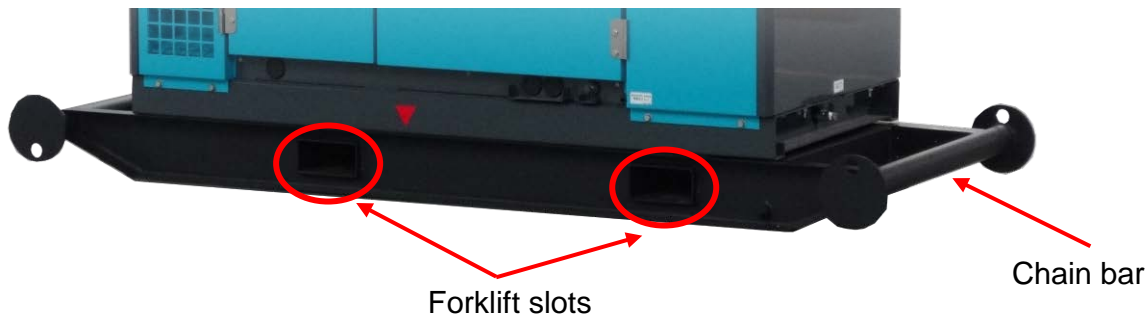
- ✓ **Simple to operate:** analogic control panel simple to operate with all the information you need to run and take care of your generator (Key start, Fuel gauge, hour meter, battery charge, air filter blocked...). Also equipped with a cable terminal box to easily connect to a distribution board.



Analog controller

Option

- ✓ **Base skid:** To increase the flexibility and ease the handling, this generator can be equipped with a base which will allow it to be transported with a forklift, to be moved thanks to the chain bar and to prevent leakage on the ground.



Engine Specifications

GENERAL ENGINE DATA

Engine model	Isuzu
Engine ref.	DD-6BG1T
Type	Direct injection, turbo charged
Number of cylinders	6
Displacement (L)	6.494
Rated output PS (kW)	100.0 (73.6)
Speed (RPM)	1500
Fuel	Diesel
Fuel tank capacity (L)	225
Consumption @ 75% load (L/h)	14.5
Consumption @ 50% load (L/h)	10.2
Lubricating oil capacity (L)	18.0
Cooling water capacity (L)	24.0