



Power Source Technology for the Future **Denyo**®

DIESEL ENGINE SOUNDPROOF GENERATOR

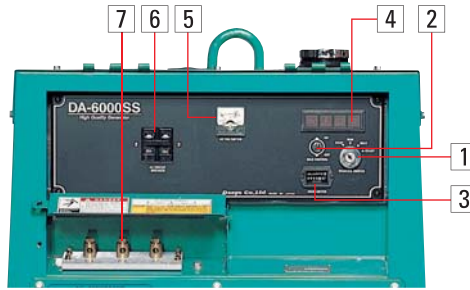
DA-6000SS

Denyo's DA-6000SS diesel powered generator is the world's most powerful, energy efficient, versatile and soundproof unit in its class.



DIESEL ENGINE SOUNDPROOF GENERATOR

DA-6000SS



Standard Instrumentation

- 1 Starter Switch
- 2 Operation Switch
- 3 Hour Meter
- 4 Warning Lamp Unit
(for oil, water, charge, preheat)
- 5 AC Voltmeter
- 6 Circuit Breaker
- 7 AC Output Terminal

Innovative Features of the New Soundproof DA-6000SS Diesel Generator

- Brushless generator with built-in voltage compensating windings and initial voltage winding eliminates the need for an automatic voltage regulator or initial voltage builder, for a stable power source.
- Exceptionally quiet operation accomplished through the use of state-of-the-art soundproofing technology.
- Newly designed exciter system (Japan Patent Nos. 1843374 & 1998273 and Utility Model No. 2025607) improves motor starting capability for electrical motors.
- The large side doors allow easy access for daily maintenance.
- Automatic warning and shut-off device for low oil pressure, high water temperature and insufficient charging.
- Equipped with circuit breaker to protect alternator from over-current.
- Air bleeding can be accomplished merely by cranking.
- Registered as an emission-improved construction machine complying with both current Japanese and U.S. EPA and CARB regulations.
- Compact and lightweight design owing to 2-pole alternator and well matched engine.
- A highly efficient alternator and fuel efficient engine enable continuous operation for up to 10 hours at 100% load.
- Earth leakage circuit breaker, AC ammeter, frequency meter, automatic slowdown and remote control unit (RC72) are optional.



ISO 9001 : 2015
ISO 14001 : 2015 Certified

Specifications

| Model | | DA-6000SS | |
|---------------------|---------------------------------------|--|------------------------------------|
| Alternator | Frequency (Hz) | 50 | 60 |
| | Rated Output (kVA) | 5.5 | 6.0 |
| | Rated Voltage (V) | Double Voltage System | |
| | | 100/200, 110/220, 115/230 | 100/200, 110/220, 115/230, 120/240 |
| | Power Factor | 1.0 | |
| | No. of Phases | Single Phase, 3-Wire | |
| Diesel Engine | Exciting System | Revolving-Field, Self-Exciting New Brushless | |
| | Manufacturer & Model | KUBOTA Z482 | |
| | Type | 4-Cycle, Water-Cooled, Swirl Chambered | |
| | No. of Cylinders | 2 | |
| | Bore x Stroke (mm) | 67 x 68 | |
| | Displacement (L) | 0.479 | |
| | Rated Output (kW/min ⁻¹) | 6.5/3000 | 7.7/3600 |
| | Fuel | ASTM No. 2 Diesel Fuel or Equivalent | |
| | Fuel Tank Capacity (L) | 25 | |
| | Fuel Consumption (L/h)* | 2.1 | 2.6 |
| | Starting System | Electric | |
| Dimensions & Weight | Battery | 12-35 Ah | |
| | Length (mm) | 1140 | |
| | Width (mm) | 650 | |
| | Height (mm) | 795 | |
| Sound Level | Dry Weight (kg) | 239 | |
| | 7m/dB (A) 3000/3600 min ⁻¹ | 61 | 63 |

* At 100% load

The specifications given herein are subject to change without notice.

Auckland Head Office
6-10 Parkway Drive,
Mairangi Bay, Auckland
Phone: (+64) 09 443 2436
Email: sales@yrco.co.nz

Auckland, Mt Wellington
20L Sylvia Park Road,
Mt Wellington, Auckland
Phone: (+64) 09 553 5470
Email: salesmtwell@yrco.co.nz

Wellington
8 Broken Hill Road,
Porirua, Wellington
Phone: (+64) 04 212 2456
Email: saleswell@yrco.co.nz

Christchurch
20 Nga Mahi Road,
Sockburn, Christchurch
Phone: (+64) 03 341 6923
Email: saleschch@yrco.co.nz

**YR Youngman
Richardson**