

# INTRODUCING

**shindaiwa**  
Construction Products

## **kWiet Power 400 Amp Mobile Welder/Generator**

Model DGW400DM

- High efficiency dual welder
- Low noise
- Versatile, durable and compact
- Environmentally friendly

### FEATURES

- Superior welding performance thanks to a unique current control system
- Automatic engine idle means longer engine life, less noise and improved fuel economy
- Dual operator capability
- Digital meters
- CV, CC, MIG, TIG, Stick, Gouging
- Super-quiet; at 58dB(A) there's none quieter
- Compact and lightweight
- Water-proof construction; easily accessible external drain plugs



Control panel with digital meters is easy-to-read and use

- Automatic safety output reduction and engine shut-down features
- Fuel gauge illuminated for night visibility
- Complies with EPA-2 emission standards
- Air arc gouging; 1/4-inch capability
- Optional remote control capability



Operation in economical (ECO) mode reduces engine emissions, extends engine life, consumes 30% less fuel, produces 10% less noise—and is still capable of 220 amp output!

**kWiet**  
**POWER**  
WELDER/GENERATORS

# Shindaiwa

Another word for quality



Optional trailer-mounted units are available.



Convenient receptacles include 3-phase 480V, single-phase 120/240V and two 120V duplex receptacles.



Large side panels ease access for quicker servicing and inspections.



Recessed fuel filler with water drain holes.



## Model DGW400DM Specifications

### WELDING DC GENERATOR

Rated Output	13.9kW
Rated Current	390A
Rated Voltage	35.6 Volts
Current Adjustment Range	Single: 90-380/110-400 Amps Dual: 50-190/55-210 Amps ECO: 40-220 Amps
Welding Mode	CC: Side A and Side B CV: Side A only

### AC GENERATOR

Rated Frequency	60 Hz
Phase Options	<b>Single Phase</b> <b>3-Phase</b>
Rated Output	4.3kVA      15kVA
Rated Voltage	240/120 Volts      480 Volts
Receptacles	15A x 3      20A x 1

### ENGINE

Model	Kubota D1005
Engine Type	Vertical, liquid-cooled, 4-cycle diesel
Displacement	1.001 Liter
Rated Output	16.5kW@3000 rpm/19.1kW@3600 rpm
Fuel Requirement	ASTM No.2 diesel fuel or equivalent
Fuel Tank Capacity	9.8 gallons/37 Liters
Lubricating Oil Requirement	API Class CC or higher
Oil Capacity	1.35 gallons/5.1 Liters
Coolant Capacity	1.14 gallons/4.2 Liters
Storage Battery	55B24L
Starting Method	DC electric

### GENERAL FEATURES

Automatic Idle Control, Hour Meter, AC Voltage Adjusting Dial	Included
Digital Meters	Welding: Voltage x 2, Amps x 2 AC Output: Voltage x 1, Hertz x 1
Breakers: 1-phase and 3-phase	Earth Leakage and Circuit
Welding Remote Control	Optional (side A only)
Monitor Lamps	Coolant temperature, Battery charging, Oil pressure, Rectifier Hertz/Overheat
Eco Function (economic operation)	2100 rpm, 40-220 Amp, reduced fuel consumption, up to 3/16" electrode
Low Noise Level	3000 RPM 62dB(A), 2100 RPM 58dB(A)
Overall Dimensions (L x W x H)	60.5 x 28.7 x 34.0 in./1530 x 730 x 864mm
Dry Weight	972 lbs/441kg

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