



Powered by



DGW500DM supplies superb and tremendous performance for you by Shindaiwa with latest technology.

Especially at pipeline site, "Two(2) welders into One(1) machine" which is beneficial and economical for simultaneous two welding jobs of pipeline.

DGW500DM shows the durability, reliability, best performance, on harsh condition even small, compact and light weight !!

* EPA Interim T4 (Engine), EMC, IP66(receptacles), IP23 complied

Welding mode

CC/CV

Single/Dual

60-500/30-280 Amps

Cellulose/Various

Gouging

φ3.2-5.0/9.5 mm

Generating mode

15kVA-3phase

10.8kVA-1phase

Sound Level (7m)@no load

57 dB(A)

Dimension / weight

(L)1,680-(W)700-(H)950mm

613 kg

Engine (Diesel)

Kubota V1505

Standard features

Arc force control dial

14pins Input (W/F)

9pins Input (R/C)

No Load Voltage: Max85V

Hot start welding

Pre-set (voltage/amp)

VRD device kVA

WELDING DC GENERATOR

Rated Current (CC Single/Dual)	480A / 230 A (60/80% duty cycle)
(CV Single/Dual)	480A / 230 A (60/80% duty cycle)
Rated Voltage (CC Single/Dual)	39.2/29.2 V (60/80% duty cycle)
(CV Single/Dual)	39.0/22.5 V (60/80% duty cycle)
Current Adj. Range (CC Single/Dual)	60-500 A / 30-280 A
(CV Single/Dual)	14-40 / 14-29 V
No Load Voltage	Max 85V

AC GENERATOR

Rated Frequency	50 Hz
Phase Options	Single Phase 3-Phase
Rated Output	10.8kVA 15kVA
Rated Voltage	240 V 415 V
Power Factor	1.0 0.8
Receptacles	15A x 3 20A x 1

ENGINE

Model	Kubota V1505
Engine Type	Vertical, Water-cooled, 4-cycle diesel
Displacement	1.498 Liter
Rated Output (kW/min ⁻¹)	29.0 / 3600rpm (Gross Intermittent)
Fuel Tank Capacity	63 Liters

NOISE LEVEL, DIMENSIONS

Low Noise Level (@ 7m)	57dB(A)
Overall Dimensions (mm)	(L) 1680-(W) 700-(H) 950
Dry Weight (kg)	613kg



**Single/Dual Selector Switch,
CV/CC selector switch, Rod Selector Switch**



Remote Control receptacle



14-pin Connector

(Optional Wire feeder Control)



Arc Control Dial (for CC mode)

Stable (SOFT) welding Arc: negative (-) dial side
Strong (CRISP) welding Arc: positive (+) dial side

**IP66 receptacle
(415V 20A x 1pc)**

**IP66 receptacles
(240V 15A x 3pcs)**



Battery Isolator Switch



**IP23 complied radiator
Fan cover**



Large side panels makes ease access for servicing and inspection.