



Welding mode

CC/CV

Single/Dual

**60-500/65-500A Single
30-280/35-280A Dual**

Cellulose rod

Low hydrogen rod

Gouging

φ3.2-5.0/9.5 mm

Generating mode

3.5/3.8kVA 1phase

110/120V only

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)

2pins Input (R/C)

No Load Voltage: Max95V

Hot start welding

Pre-set (voltage/amp)

Powered by _____

Kubota



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, IP44(receptacles), IP24 complied

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) | (50Hz:60-500 A / 30-280 A) (60Hz:65-500A / 35-280A) |
| (CV Single/Dual) | 14.0-40.0V / 14.0-29.0V |
| No Load Voltage | Max 95V |

AC GENERATOR

| | |
|-----------------|----------------------------|
| Rated Frequency | 50/60 Hz |
| Phase Options | Single Phase only |
| Rated Output | 3.5 / 3.8 kVA |
| Rated Voltage | 110 / 120 V |
| Power Factor | 1.0 |
| Receptacles | 15A x 2 (Total 3.5/3.8kVA) |

ENGINE

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

NOISE LEVEL, DIMENSIONS

| | |
|-------------------------|--------------------------|
| Low Noise Level (at 7m) | 57dB(A) @ No load |
| Overall Dimensions (mm) | (L) 1680-(W) 700-(H) 950 |
| Dry Weight (kg) | 613kg |



Pre-set dial (Easy to set welding output)

Emergency stop switch

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

Main & Earth Leakage Circuit Breaker



1 phase 110/120V output receptacle (15A) x 2 pcs

