

SPEC SHEET

Engine Welder DLW-400E5EW5



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Engine Welder DLW-400ESEW5

FEATURES

1. D.C. Arc welding
2. Double welding range
3. A.C. generator, Single & Three-phase also available while welding
4. Variable Engine Speed SW
5. Digital Engine Monitor
6. Central Lifting
7. Easy access for routine maintenance
8. Liquid Leakage Guard Base fitted



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Engine

3 STROKE, Water-cooled, Mechanical governor Engine

Model	Kubota D1105
Engine Net output	18.0 kW
Engine Rotation Speed	3000(High)/2400(Low) RPM
Bore/Stroke	78/78.4 mm
Cylinder/Displacement	3 Cylinder/1.123 L
Fuel Consumption(L/hr)	5.33/4.94/3.86 /3.01/2.35 /1.91
(Welding Ams)(A)	380 /350 /262.5/175 /87.5 /0
Cooling System	Cooling by radiator with fan(4.7L)
Lubrication Oil capacity	5.1L
Max Exhaust gas temp	483°C
Starter motor power	12V-1.2kW

SIMULTANEOUS AC Power Supply

WELDING CURRENT	340A	270A	220A	170A	130A	80A	50A	0A
POW in THREE PHASE 400V	0 kVA	4.6kVA	7.0kVA	9.3kVA	10.9kVA	12.6kVA	13.6kVA	15.0kVA
POW in SINGLE PHASE 220V	0 kVA	3.6kVA	5.6kVA	6.6kVA	6.6kVA	6.6kVA	6.6kVA	6.6kVA

The total AC Power of single and three phase cannot exceed 15.0 KVA.

GENERAL SPECIFICATIONS

Fuel tank capacity	42 L
Fuel Consumption (Welding 50%) @2400 rpm	2.42 L/H
Running time(Welding 50%)	17 H
Guaranteed Sound Power Level	94 dB(A)(64dB(A) @7m)
Max.ambient temperature	40°C

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CONTROL PANEL

Engine Monitor

Oil Press/Water Temp/Control Unit Temp

Charging Amp/Preheat/Leakage Guard Tank

Hour Meter/Fuel Meter/Starter SW

Welding

Welding Output sockets

2 x Welding (+) 400A

2 x Welding (-) 400A

2 x WELDING MODE SELECTOR SW

SINGLE-DUAL SELECTOR SW

2 x WELDING CURRENT REGULATOR

Generator

1 x ELCB(25A) for 3-Phase

1 x AC Voltmeter(V)

1 x AC Amp meter(A)

1 x Hz Meter (Hz)

1 x AC Circuit breaker for Single phase

Output sockets

1 x 400V 32A 3P+N+T IP44

2 x 230V 16A 2P+T IP44

Earth terminal (PE)

Protections Engine & Generator

	Engine Shut down	Breaker trip	Warning lamp	Welding Control shut down	Parameter
Low Oil Pressure	○	-	○	-	0.098 Mpa or less
High Water Temp	○	-	○	-	115°C or more
Battery charger Alternator failure	○	-	○	-	-
Welding Overload	-	-	○	○	-
Over Current/AC power	-	○	-	-	25 A
Earth leakage/AC power	-	○	-	-	-
Low Fuel level Warning	-	-	○ (Red lamp)	-	10 L or less
Side door open	○	-	-	-	-

Mark ○ : Operate, Mark - : Not Operate

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