



## Field of Application

- ★ Construction
- ★ Fabrication
- ★ Pipeline
- ★ Mining
- ★ Rail Road
- ★ Offshore
- ★ Civil Engineering
- ★ Rental
- ★ Service Truck
- ★ Maintenance
- ★ Repair
- ★ Farming

★ Excellent ★ Good

## Welding Process

- CC Mode
- ★ Standard Rod
- ★ Cellulose Rod
- ★ Scratch TIG
- Gouging up to 9.5mm
- CV Mode
- ★ Wire

★ Excellent ★ Good • Standard

## Specification

### Welding DC Generator

	Single	Dual
CC Mode	Rated Current (A)	480
	Rated Voltage (V)	39.2
	Duty Cycle (%)	60
	Current Adj. Range (A)	60-500
	Welding Rod Capacity (mm)	Φ2.6 - Φ8.0
	Gouging Rod Capacity (mm)	Φ3.2 - Φ9.5
CV Mode	Rated Current (A)	480
	Rated Voltage (V)	39.0
	Duty Cycle (%)	60
	Voltage Adj. Range (V)	14 - 40
	Welding Wire Capacity (mm)	Φ0.6 - Φ2.4
	Rated Speed (min <sup>-1</sup> )	3000
No Load Voltage (V)	MAX85	

### AC Generator

Rated Frequency (Hz)	50	
Rated Speed (min <sup>-1</sup> )	3000	
Phase Options	Single Phase	3-Phase
Rated Voltage (V)	220	380
Power Factor	1.0	0.8
Rated Output (kVA)	9.9	13.2
Rating	Continuous	

### Dimensions

Overall Dimensions (mm)	(L)1680 x (W)700 x (H)950
Dry Weight (kg)	613

## Engine



Model	Kubota V1505	Rated Output (kW/min <sup>-1</sup> )	29.0 / 3600
Engine Type	Vertical, Water-cooled, 4 cycle diesel	Fuel Tank Capacity (L)	63
Displacement (L)	1.498		

## Control Panel



### 14. Remote Control Receptacle

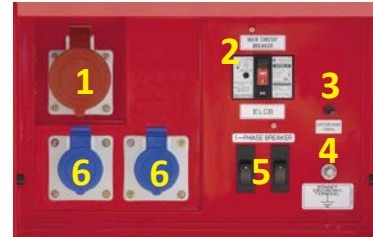


### 15. 14-pin Connector



- |                                |                                       |
|--------------------------------|---------------------------------------|
| 1. AC Meter                    | 12. Starter Switch                    |
| 2. DC Meter                    | 13. Fuel Meter                        |
| 3. Output Control Dial         | 14. Remote Control                    |
| 4. Single/Dual Selector Switch | 15. 14-Pin Connector                  |
| 5. CV/CC Selector Switch       | 16. Wire Feeder Voltmeter Switch      |
| 6. Arc Control Dial            | 17. 42V/115 Selector Switch           |
| 7. Rod Selector Switch         | 18. Circuit Protector For Wire Feeder |
| 8. Emergency Stop Switch       | 19. Weld Terminals Switch             |
| 9. Hour Meter                  | 20. Welding Terminal A                |
| 10. Monitor Lamp               | 21. Welding Terminal B                |
| 11. Idle Control Switch        |                                       |

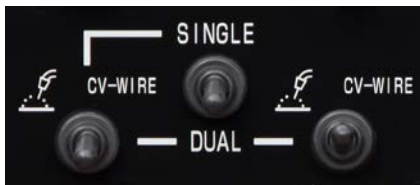
### AC OUTPUT PANEL



- |                             |                              |
|-----------------------------|------------------------------|
| 1. 3-P Receptacle           | 4. Bonnet Grounding Terminal |
| 2. Main Breaker             | 5. 1-P Breaker               |
| 3. Earth Grounding Terminal | 6. 1-P Receptacle            |

## FEATURES

### RealDual® DUAL WELDING MODE



Shindaiwa's alternator is unique in coil winding. Welding power A, B, and AC generator are respectively driven by each coil winding. This feature ensures that each welding outputs has least electrical interference.



### EMERGENCY STOP

You can stop the engine immediately in emergency conditions to avert hazardous situations.



### ARC CONTROL DIAL (CC MODE)

Arc control dials adjust welding arc between mild for capping and crisp for root-pass.

### ROBUST ALTERNATOR



Special varnished reliable Shindaiwa's alternator, offers robust features of protection against sand gravel, dust, and extreme hot weather condition.



### 14-PIN CONNECTORS

The equipment has two 14-pin connectors. You can connect the wire feeders without any attachments.