**PANEL:**

**AC POWER ELCB;**

**AC POWER RECEPTACLES;**

**AMPERE METER; HOUR METER; ENGINE INDICATOR; FUEL GAUGE; CURRENT REGULATOR; WELDING TERMINALS; START SWITCH;**

**MODE SELECTOR ------CC/CV**

**REMOTE SELECTOR REMOTE/LOCAL**

**IDLE CONTROL AUTO OFF**

**DUAL/SINGLE SELECTOR**

**EMERGENCY STOP**

**WIRE-FEEDER**

**REMOTE SOCKET**

Features:

Versatile welding and cutting partner for heavy construction;

Low-noise with 1500/1800rpm and KOVO P-noise solution;

Durable power, with Japan made Kubota V3300;

High efficiency, 500A DC welding and AC power simultaneously use;

Flux welding with wire-feeders;

Pipeline all position welding with dual welding output;

Maintenance-free, brushless design;

Safety warranty with Mitsubishi ELCB

WELDER AND GENERATOR WORK SIMUTANOUSLY

CC/CV OUTPUT COULING WIRE-FEEDER; 6-20KVA GENERATOR PLUS;

ECONOMICAL OPERATING COST WITH ECO KUBOTA ENGINE

DC Stick (SMAW)

Arc Gouging (CAC-A)

DC TIG (GTAW)

DC MIG (GMAW)

Flux cored (FCAW)

Specifications given herein are subject to change without notice

CAT. NO. DUV12-20170520

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| --- |
| **KOVO ENGINE DRIVEN WELDER EW500DST** |
| ***DC Welder***  |
| **Driven**  | - | Direct Coupling  |
| **Rated Output**  | KW | 20 |
| **Rated Current**  | DCA | 500-CC |
| DCA | 280A\*2-CC |
| DCA | 400A-CV\* |
| **Rated Voltage**  | DCV | 40 |
| **Current Range** | DCA | 50-500 |
| **OCV**  | DCV | 80 |
| **Duty Cycle**  | % | 60 |
| **Type**  | - | Rectified DC output type  |
| **Applicable Electrode**  | mm | 2.0-10.0 |
| ***Aux. Power***  |
| **Rated Output**  | KVA | 6-20 |
| **Rated Voltage**  | V | AC 127 /220 (AC220/380/415) |
| **Phase**  | - | Three & Single |
| **Power Factor**  | % | 80 |
| **Rate**  | - | Continuous  |
| ***ENGINE***  |
| **Model**  | - | KUBOTA V3300 |
| **Type**  | - | 4-cycle, water-cooled diesel engine  |
| **Cylinder arrangement**  | - | 4-L  |
| **Total displacement**  | cc | 3,318 |
| **Rated Output**  | KW | 30.6 |
| **Speed**  | rpm | 1,500 (1,800) |
| **Fuel**  |  | Light diesel oil |
| **Start System**  | - | Electric motor  |
| **OTHER** |
| **Fuel Tank Capacity**  | L | 68 |
| **Battery Capacity**  | - | 12V-60AH |
| **Dimension (L×W×H)**  | mm | 1850×806×1052 |
| **Net Dry Mass**  | Kg | 960 |
| **Noise level**  | dB | 67 |