

MQ **MULTIQUIP**
300 Amp Welder



DLW300ESA

Dependable welding performance

Construction Starts Here

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300 Amp Welder DLW300ESA

This CC (constant current) and CV (constant voltage) welder delivers up to 300 amps of DC welding power. Additionally, it provides up to 10.5 kW of 120/240 volt AC power. Low noise level — produces only 59 dBA.

- **Outstanding arc characteristics** plus the ability to connect machines together for parallel operation.
- **Ultra-clean AC power** — voltage regulation $\pm 1.5\%$.
- **Quietest welder on the market** — 59 dBA.
- **Weld and use AC power at the same time.**
- **E-Mode** improves fuel efficiency by allowing the operator to weld with engine at idle speed at up to 160 amps. Reduces operating costs and noise levels.
- **Arc force control** allows the operator to fine tune DC current during low voltage welding conditions and helps prevent electrodes from sticking during short arc length welding.
- **Optional remote control** allows the operator to adjust amperage up to 50 feet away from the machine.
- **Dependable Kubota diesel engine** is backed by a three-year engine manufacturer's warranty. A standard self-priming fuel system allows quick starting even if the engine is run dry. Automatic idle control is standard for improved fuel economy.
- **Safety shut-downs** are provided for water, oil level and DC thermal overload.
- **Optional trailer** is available for highway towing.



300 amp welder
 10.5kW AC output
 Kubota diesel engine
DLW300ESA



Full instrumentation is protected by a vandal proof cover. LED display provides clear readout of load characteristics.

Warranty: Three-year (or 3,000 hours) warranty covering parts and labor. Contact MultiQuip for complete information. All features and specifications are subject to change without notice.
 MQWELD-DLW200ESA Rev. B (04-08)
 Units manufactured by Denyo Mfg. Co.

Specifications

| MODEL | DLW300ESA |
|--|----------------------|
| WELDER FEATURES | |
| DC Voltage | 31CC |
| DC Current | 300CC/CV |
| 100% Duty Cycle @ 100%, amps | 280 |
| Current Range, amps | 35-300 |
| DC Current — Constant Voltage | N/A |
| DC Current — Constant Current | Standard |
| Welding Process — SMAW | Standard |
| Welding Process — FCAW | Standard |
| Welding Process — GMAW | Standard |
| Welding Process — GTAW | Standard |
| Welding Process — ACAC | Standard |
| AC OUTPUT | |
| Maximum Output — AC kW Single Phase | 10.5 |
| Cycle | 50/60 |
| Voltage | 120/240 |
| Amperage | 87/44 |
| Voltage Regulation | 1.5% |
| ENGINE FEATURES | |
| Engine Model | Kubota D722 |
| No. Cylinders; HP; RPM | 3; 19; 3600 |
| Fuel Type | Diesel |
| Fuel Tank Capacity — gal. | 9.5 |
| Fuel Consumption at rated load — gph | 1.1 |
| Electric Start, Idle Switch | Standard |
| GENERAL FEATURES | |
| Simultaneous Use — AC/DC | Standard |
| Noise Level — dBA @ 23 feet | 59 |
| Lifting Bale | Standard |
| External Drains — Water | Standard |
| External Drains — Oil, Fuel | Standard |
| Automatic Safety Shutdown — Oil Pressure | Standard |
| Automatic Safety Shutdown — Water Temperature | Standard |
| Automatic Safety Shutdown — Thermal Switch DC | Standard |
| Automatic Safety Shutdown — Low Battery Charge | N/A |
| DIMENSIONS AND WEIGHT | |
| Dimensions — L x W x H in. | 50 x 27 x 32 |
| Dry Weight lbs. | 842 |
| OPTIONS | |
| Trailers | TRLR-10W; TRLR-MPXF* |
| Wheel Kit | N/A |
| Remote Control | Optional |

| Welding Applications | DLW |
|-----------------------------------|-----|
| SMAW — Shielded Metal Arc Welding | ✓ |
| FCAW — Flux Core Arc Welding | ✓ |
| GMAW — Gas Metal Arc Welding | ✓ |
| GTAW — Gas Tungsten Arc Welding | ✓ |
| ACAC — Air Carbon Arc Cutting | ✓ |



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