



**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
<b>WELDER FEATURES</b>	
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
<b>AC OUTPUT</b>	
Maximum Output — AC kW Single Phase	10.5
Cycle	50/60
Voltage	120/240
Amperage	87/44
Voltage Regulation	1.5%
<b>ENGINE FEATURES</b>	
Engine Model	Kubota D722
No. Cylinders; HP $\ddagger$ ; 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
<b>GENERAL FEATURES</b>	
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
<b>DIMENSIONS AND WEIGHT</b>	
Dimensions — L x W x H in.	50 x 27 x 32
Dry Weight lbs.	842
<b>OPTIONS</b>	
Trailers	TLR-10W; TLR-MPXF*
Wheel Kit	N/A
Remote Control	Optional

\* TLR-MPXF has built-in 28 gallon fuel cell

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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