

Big Red™ 600

Processes

Stick, TIG, Gouging

Product Number

K2811-1

See back for complete specs

Output Range

65-600A DC Welding
3,600 Watts AC Generator

Rated Output – Current/Voltage/Duty Cycle

At 40° C
600A/30V/40%,
550A/34V/60%,
500A/40V/100%

Desert Duty™ Rated – See Page 3

Number of Cylinders

3

HP @ Speed (RPM)

44 @ 1,800 RPM

Weight/Dimensions (H x W x D)

752 kg (1,657 lbs.)

937 x 718 x 1654 mm

(36.9 x 28.3 x 65.1 in.)

1148 mm (45.2 in.) To Top of Exhaust Tube

Simple and Rugged. Stick, TIG and Arc Gouging.

Built for operation in remote locations, the Big Red™ 600 is a simple, rugged diesel engine driven welder for stick welding, TIG and arc gouging. The design features no PC boards, proven reactor technology and the widely-used Deutz® F3L912 air-cooled industrial diesel engine for high reliability in jungles, deserts and other extreme environments.

FEATURES

▶ Simple, Rugged Design

- Proven reactor technology.
- No PC boards.
- Heavy gauge steel base, frame, case sides and roof.

▶ High-Output Welding and Arc Gouging

- 600 Amps DC stick and DC TIG welding.
- 10 mm (3/8 in.) carbon arc gouging.

▶ Desert Duty™ Rated

- Rated welding outputs for extreme temperature operation up to 55°C.

▶ Versatile Receptacle Connections for 60 Hz AC Generator Power

- Operate common construction tools:
 - 2,400 watts, 120V NEMA receptacles.
 - 1,800 watts, 120V EURO receptacle.
 - 120V receptacles are GFCI protected.
 - 3,600 watts, 240V EURO receptacle, with a port for easily adding an RCD (Residual Current Device).

▶ Widely-Used Deutz® Industrial Diesel Engine

- Deutz® F3L912, 44 HP, 1800 RPM.
- 3-cylinder, air-cooled.
- Engine protection for low oil pressure and high temperature.
- Low maintenance and long life.

EXPORT ONLY – NOT FOR SALE IN THE U.S.A. AND CANADA



Shown K2811-1

APPLICATIONS

- ▶ Construction
- ▶ Maintenance and Repair

INPUT



OUTPUT



Web Update 06/11

Publication E6.230 | Issue Date 08/09
© Lincoln Global, Inc. All Rights Reserved.

THE LINCOLN ELECTRIC COMPANY

22801 St. Clair Avenue • Cleveland, OH • 44117-1199 • U.S.A.
PH: +1.216-481-8100 • www.lincolnelectric.com

LINCOLN
ELECTRIC
THE WELDING EXPERTS®