

Universal Compak™ Power Supply Compak 2000: Power & Watt Density Control

COMPACT DESIGN. POWERFUL PERFORMANCE.

The Enercon Compak 2000 power supply is the culmination of over 25 years of power supply development. Its innovative design takes advantage of state-of-the-industry control and power circuit components to meet the challenge of matching the load requirements of a great variety of electrode types ... automatically.

Convenient operating features increase productivity and make the system easy to use. Upgrade options include watt density control, remote control and computer interface options.

COMPAK 2000 Outstanding Features

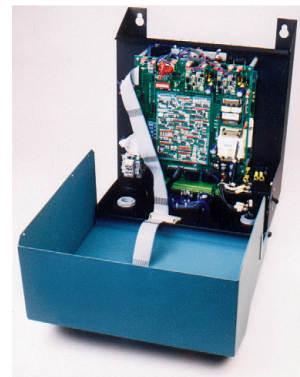
- 1 through 7.5 kW models
- 30 to 1 turn down ratio
- Efficient with any roll/electrode combination
 - bare/covered roll
 - blade to shoe or tube to segmented electrodes
- Flip-open design
- Quick Connect plug-in controls
- 0.95 (or higher) displacement power factor from 0 to 100% output
- Membrane panel controls and indicators



Quick Connect
 obsoletes hard wiring



Compak™ 2000
 Power Supply



The modular design and **flip-open** feature provide easy access for maintenance.



1 to 7.5 kW power available in a compact NEMA 1 enclosure.

Standard Features	System Advantages
Broad Load Matching	<ul style="list-style-type: none"> • Use with any station. • Reduces operator error.
30 to 1 Turn Down Ratio	<ul style="list-style-type: none"> • Allows for broad control of power output.
Automatic Full Power Transfer	<ul style="list-style-type: none"> • Full treating power transfer to the station from min. to max. power.
Membrane Panel Control & Indicators	<ul style="list-style-type: none"> • Digital readout of output kW. • Easy setup and operation. • Self-checks all interlocks for safe start-up. • Retains setpoint in non-volatile memory.
System Diagnostics LTI Plus	<ul style="list-style-type: none"> • LED's display operating status and fault isolation. • Loss-of-treatment indication.
Easy Installation	<ul style="list-style-type: none"> • No Input Isolation Transformer required. • Quick Connect provides plug in connections for input/output, interlock and watt density controls.

Enercon Corona Treating Systems

Universal Compak™ Power Supply

Technical Specifications



1-3 kW model

Rating	Volts	Phase
1 kW	115	1
2 kW	240	1
3 kW	240	3

Width x Height x Depth
17" x 14" x 11.5"
(431 x 356 x 292 mm)



4-7.5 kW model

Rating	Volts	Phase
4 kW	240	3
5 kW	240	3
7.5 kW	240	3

Width x Height x Depth
18" x 28" x 9"
(457 x 711 x 229 mm)

All input 50/60 Hertz

Operator Controls/Indicators

Membrane Controls

POWER
Up/Down Push-button(s)
START/Stop

LED'S:

STANDBY - **Amber**
RUN - **Green**

Indicators

Digital Meter:
Digital readout displays
Output kW

TEMP - **Red** REMOTE - **Amber**
FAULT - **Red** GEN - **Red**

Output Frequency:

Automatically adjusts over wide 5:1 load range

Ambient Environment:

Temperature 50° C
Humidity 90% Noncondensing

Advanced Protective Circuits Guard Against:

Over-Temperature
High-Voltage Arcs
Over Current

Performance Enhancing Options



Watt Density Controller/Computer Interface

- Allows operators to set a precise watt density in seconds.
- Automatically adjusts power to compensate for line speed variations to provide constant treat levels.
- Setpoints are stored in memory
- Dimensions 10" x 10" x 6"



Diagnostic Panel

LED's identify faults for easy treater station troubleshooting:

- Power
- Electrode position
- Insufficient Purge Air (if required)
- Zero Speed
- Air Flow (exhaust)
- Customer Interlocks



Skip Treat Controller

Simplifies skip treat set-up. Automatically determines and maintains power on/off switching requirements.



Remote Control

Provides operator with full function control at a convenient location. (5" x 5" x 12")

Customer Support Program

- World-wide start-up assistance and field service support
- World-wide rapid parts shipments, loaner and exchange programs
- 24 hour emergency call center
- Website troubleshooting guides
- Customized training programs
- Operational Testing Labs
- Engineering support
- Technical Development Center
- Se habla Espanol

World class Enercon treating systems and local support now available at affordable prices from :

Dynaspede Integrated Systems Pvt. Ltd.

136-A, Sipcot Industrial Complex
Hosur 635 126 India

Ph. 04344-276915 Fax. 04344-276841

E-mail: mail@dynaspede.com
visit www.dynaspede.com



Enercon Industries Corporation

P.O Box 773 Menomonee Falls, WI 53052 USA

TEL: 262-255-6070 FAX: 262-255-7784

www.enerconind.com E-mail: info@enerconind.com