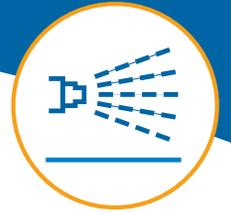


Nordson XPS Series

Electrostatic Power Supplies



Enhanced functionality and integration capability complement reliable and efficient electrostatic charging of liquid coatings.

The Nordson XPS series power supplies produce high voltage, low current power for safe, effective charging of liquid coatings. XPS power supplies provide superior electrostatic charging for high quality finishes and efficient material utilization.

Two models are available that allow finishers to select optimal voltage output for their application:

- **XPS 60** — 60kV output for superior performance with automatic and manual waterborne finishing systems
- **XPS 115** — 115kV output for superior performance with automatic and manual waterborne finishing systems



Features and Benefits

- **Large displays for voltage and current setpoints and outputs** for operating flexibility and troubleshooting capability
- **“High Voltage ON” LED** to quickly see when applicator is energized
- **Analog I/O** for closed loop kV and μ A control Standard, AFC and Custom electrostatic modes
 - **Standard Mode** – user sets kV output
 - **Automatic Feedback Current (AFC) Mode** – user sets maximum μ A output and the XPS unit will automatically control the optimum electrostatic charging voltage based on the gun-to-part distance and coating conductivity
 - **Custom Mode** – user can set both kV and μ A limits independently for ultimate control



High-Performance, Long-Life Design

XPS power supplies utilize a wet high voltage well. High-performance dielectric oil provides the maximum available output voltage and longest possible component life.

Continuous Electrostatic Monitoring

Dual digital displays are large and bright, allowing the user to see kV and μ A setpoints and outputs from a distance.

Backward Compatible with EPS Power Supplies

The XPS Series is designed to be a drop-in replacement for EPS. Mounting footprint, high voltage cable connection, and power and control wiring are of the same type and location as the EPS power supply.



Specifications

	XPS 60	XPS 115
Dimensions	Height	14.75 in. (375 mm)
	Width	13.23 in. (336 mm)
	Depth	6.69 in. (170 mm)
Weight	27.1 lb (12.3 kg)	27.2 lb (12.3 kg)
Input Voltage	100-240 Vac, 50/60 Hz 1 phase, 65 VA max	
Output Voltage	60 kV max	115 kV max
Output Current	100 μ A max	70 μ A max
Ambient Temperature Rating	32° to 122° F (0° to 50° C)	
Maximum Relative Humidity	95% Non-Condensing	
Dust Ingress Protection	Constructed to meet IP54	

Enhanced System Integration

Digital and analog I/Os provide the ultimate compatibility with automatic systems. Digital inputs perform the following functions:

- kV and/or μ A setpoints
- Electrostatic mode selection
- Trigger electrostatics on and off
- Lock out the power supply
- Reset an over current fault

Analog I/Os can be used to:

- Adjust kV and μ A setpoints on the fly
- Provide kV and μ A setpoints and output to a remote display

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Why choose Nordson

In highly competitive manufacturing markets, productivity is vital and performance is essential. That's why we apply both to everything we do, whether it's our products, expertise or outstanding customer service. We'll always be there to help maintain the new standards you've set, with expert service and support delivered through our teams working across the globe.

This unique Nordson approach helps you reach new levels of production, while working more accurately, efficiently and competitively than ever. Precisely why manufacturers who demand quality, can rely on Nordson.

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Performance by design

