

# High-Frequency Electroplating Power Supply

## Plastic Anti-Corrosion Plating Rectifier



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### Product Overview

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Electroplating Rectifiers is an equipment that converts AC into DC supply. These rectifiers, are designed specifically for electroplating, will enable plater to reach very tight tolerances and controls, and are much more convenient and efficient than the transformer method.

### Features & Benefits

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Product Advantages:

- Full load continue running
- Constant current / constant voltage selectable
- High efficiency, green environment
- Short circuit, over current, over voltage, over heat, under phase protection
- Suitable for electroplating, electro painting and other applications



# Plastic Anti-Corrosion Plating Rectifier

## PMS-xxxxA/xV-EPS

### Technical Specifications

#### Input Voltage

1 Phase, 220 V,  $\pm 20\%$   
3 Phase, 380 to 480 V,  $\pm 20\%$

#### Frequency

50/60 Hz

#### Output Voltage

0-6 V/ 12 V/ 15 V/ 18 V/ 24 V/ 36 V/ up to 20000v (Customer's Selection)

#### Output Current

0-30000 A (Customer's Selection)

#### Output Method

Constant Current  
Constant Voltage

#### Output Display

Display in Panel, or  
Remote Digital Panel, or  
Remote Analog Panel (Customer's Selection)

#### Output Waveform

Linear DC Waveform

#### Stability

Current  $\leq 0.2\%$   
Voltage  $\leq 0.5\%$

#### Power Factor

$\geq 0.9\%$

#### Efficiency

$\geq 88\%$

#### Inverter Frequency

11 KHz - 25 KHz

#### Cooling Method

Force Air Cooled, or  
Water Cooled, or  
Oil Cooled

#### Casing

Enclosed Anti-Corrosion Plastic Case, or  
Anti-Corrosion Metal Case

#### Protection

Under Phase  
Under / over voltage  
Short circuit  
Over current  
Over heat

#### Operation Condition

Full power output  
Full load running in 24 hour

#### Warranty

1 year warranty in normal operation

#### Ordering Information

<b>1000A/12V</b>	PMS-1000A-12V-EPS
<b>2000A/18V</b>	PMS-2000A-18V-EPS
<b>xxxxA/xV</b>	PMS-XXXXA-XV-EPS

#### Output Display

<b>+RDP</b>	Remote Digital Panel
<b>+RAP</b>	Remote Analog Panel

#### Cooling Method

<b>+WC</b>	Water Cooling
<b>+OC</b>	Oil Cooling

#### Ordering Options

Output display & cooling method must be specified at time of order.

Note: Enclosure with plastic, display in panel & force air cooling method are standard.

#### Disclaimer

Those presented in this document, our research so far, our experience and knowledge within the information provided is accurate. In case of changes in operating conditions and methods of application, any information given in this document can not be considered as guarantees and preliminary tests are recommended. For more information and our technical team and our laboratory will provide support services.