

# PSN24-480 Cut Sheet



RHINO PRO PSN series switching power supply, 24 VDC @ 20A/480W (adjustable), 120/240 VAC or 110-300VDC nominal input, 1-phase, enclosed, aluminum housing, 35mm DIN rail mount, screw terminals.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/PSN24-480>

## Technical Specifications

<b>Brand</b>	RHINO PRO
<b>Item</b>	Power supply
<b>Series</b>	PSN
<b>Power Supply Type</b>	Switching
<b>Efficiency</b>	93% @120 VAC, 94% @230 VAC
<b>Output Configuration</b>	Single output
<b>Output</b>	24 VDC @ 20A/480W (adjustable)
<b>Output Voltage Range</b>	24-28 VDC
<b>Input voltage range</b>	85-276 VAC/88-375 VDC
<b>Number of Input Phases</b>	1
<b>Protection Type(s)</b>	<ul style="list-style-type: none"><li>• overvoltage</li><li>• short circuit</li><li>• over-temperature</li></ul>

<b>Remote On/Off</b>	No
<b>Voltage Monitoring</b>	Yes
<b>Enclosure Type</b>	Enclosed
<b>Housing Material</b>	Aluminum
<b>IP Rating</b>	IP20
<b>Mounting</b>	35mm DIN rail
<b>Connector Type</b>	Screw terminals
<b>NEC Class 2</b>	No
<b>Integrated UPS Battery Control</b>	No
<b>Operating Temperature</b>	-25 to 70 deg C
<b>Power Boost</b>	150% for 7s

## Agency Approvals

<b>UL Listed File #</b>	E197592
<b>UL Recognized File #</b>	E198298
<b>UL Hazardous File #</b>	None
<b>CE</b>	<a href="#">View CE declarations</a>
<b>CSA File #</b>	249074
<b>RoHS Status</b>	Yes (See CE Doc)
<b>EU REACH</b>	<a href="#">View EU REACH document</a>

## Dimensional Drawings



2D Drawing PDF Link:  
<https://cdn.automationdirect.com/static/drawings/PSN24-480.pdf>  
See store item page for other formats.