PSA1554 Rack accommodating 500-1500W (DC)
Up to 3 PSM500 Power Supplies

**Features**
- Accommodates up to 3 power supplies
- 4 individually current limited output to protect wiring
- Hot Plug N+ 1

**Applications**
- Power Over Ethernet
- Telecommunications
- Network Redundant Power Source
- Servers

**Safety Approvals (per module)**
- CE
- cUL/UL

**Mechanical Characteristics**
- Length: 437.7mm (17.2in)
- Width: 355.4mm (14.0in)
- Height: 43mm (1.7in)
- Weight: 8.2Kg (18lb.)

**Output Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>Output</th>
<th>Output Power</th>
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<tbody>
<tr>
<td>PSA1554-605</td>
<td>1-3 PSM500¹ Power Supplies</td>
<td>500W-1500W</td>
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</table>

Note (1): Weight measured with 3 PSM500 units installed.

Phihong is not responsible for any error, and reserves the right to make changes without notice. Please visit our website at www.phihong.com for the most up-to-date specifications and contact information.
**PSA1554-605 Characteristics**

**ENVIRONMENTAL:**

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<table>
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<tr>
<td><strong>Temperature</strong></td>
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<tr>
<td>Operation</td>
<td>0 to +40°C</td>
</tr>
<tr>
<td>Non-operation</td>
<td>-30 to +70°C</td>
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<tr>
<td>Humidity</td>
<td>8 to 90%</td>
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**FEATURES:**

**Rear Panel LED**
Red LED illuminates when a fault such as SC or Overload has cause the internal PTC to go high impedance.

**Enable/Disable (main 50V/56V)**
Non latching – remote on/off pin

**Load Sharing**
10% at full load

**Isolated Diode**
Internal O-ring Diode Located on main (-) output section

**Output Connector**
14 pin Molex p/n 39301140
14 pin Molex p/n39012145 (mating x 4 per rack), pin p/n 39000077 or equivalent

**Dimension Diagram Unit: mm**

*Fault: A fault low signal at pin 13 of output connector A,B, or C represents a fault to Module 1,2 or 3. A fault low signal at pin 13 of output connector D represents a global fault to rack.*

**Common Ground, standby and Fault**