### Features:
- Overload, over voltage & short protection.
- Wall-mount power supply, single output.

### Specification:

#### OUTPUT

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>SYS1421-0605-W2E</td>
<td>5</td>
<td>0.5</td>
<td>1.2</td>
<td>±5</td>
<td>1.5~3.5</td>
<td>12±4</td>
<td>&gt;69.53</td>
<td>6</td>
<td>5000</td>
<td>2.1x5.5x11</td>
</tr>
<tr>
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<td>5</td>
<td>0.5</td>
<td>1.2</td>
<td>±5</td>
<td>1.3~5</td>
<td>12±4</td>
<td>&gt;68.1</td>
<td>5</td>
<td>5000</td>
<td>2.1x5.5x11</td>
</tr>
<tr>
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<td>0.8</td>
<td>1.2</td>
<td>±5</td>
<td>1.3~5</td>
<td>12±4</td>
<td>&gt;66.49</td>
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<td>5000</td>
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<tr>
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<td>±5</td>
<td>0.75~2</td>
<td>12±4</td>
<td>&gt;62.97</td>
<td>3</td>
<td>5000</td>
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<td>SYS1421-0612</td>
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<td>0</td>
<td>0.5</td>
<td>±5</td>
<td>0.6~2</td>
<td>17±4</td>
<td>&gt;73.41</td>
<td>6</td>
<td>5000</td>
<td>2.1x5.5x11</td>
</tr>
</tbody>
</table>

(*) – will be provide with the specify model

#### INPUT

- Voltage: (90 ~ 264)VAC
- Frequency: (47 ~ 63) Hz
- Current: 0.5A rms max @ AC low line input and DC output full load
- Inrush Surge Current: 30/60A max @ power supply cold start, ambient temperature 25°C @ 115Vac / 230Vac nominal AC input.
- Leakage current: 0.25 mA Max.
- Power consumption: 0.3W rms max. At AC nominal input (@) output min load | 0.5W rms max @ model 2415

#### PROTECTION

- Over Current / Short protection: The power supply will self-protect any output to ground, and auto recovery when abnormal circuit faults remove. An output short circuit is defined as any output impedance of less than 0.1 ohms. (OCP)
- Over Voltage: The power supply will not be auto recovered when faults remove. (>Voltage limit = OVP)
- Input protection: 1A Fuse or 10R(W). The power supply shall be protected against power line surges and any abnormal condition.
- No load protection: The power supply is provided with no load protection to prevent the power supply and system from damage.
- Protection class: II.

#### OTHERS

- Diode Strength (Hi-pot): Primary to Secondary: 3000VAC / 10mA / 60S.
- M.T.B.F: 50K hours. Full rated load operation at 25°C, according to the MIL-HDBK-217F.
- Cable length / type: 1836mm (6feet) round cable depends on customer requirements / 24/6/24. SFT
- PLD (power line disturbance): LINE POWER SURGE | LINE VOLTAGE SAG – more information will be provide on request
- Coating method: By natural air
- Housing material: PC or PPO
- Temperature coefficient: <±10%. °C

#### ENVIRONMENT

- Temperature: Operating: (0 ~ 40°C) / Storage: (-20 ~ 85°C)
- Humidity: Operating: 8% ~ 90% RH / Storage: 5% ~ 95% RH non-condensing

#### SAFETY

- CE | TUV/GS | CB | UL | cUL | FCC | BSMI | VCCI | C-TICK | SAA | T-licence

#### EMC


#### WEIGHT

- 1pc: N.W.: 50g / pc
- 100 pcs / 1box
- G.W.: 17.5kg / box

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**Country of Origin:** China

**Operating Temperature:** 0~40°C

**Dimension:** 64 x 48.5 x 25.5 [mm]

**Efficiency level (E.L.):** V.

**Approvals / Marks:**

- **PSU housing ready for use in country:**
  - USA/Japan/Taiwan/Cana da (type W2) / Europe (type W2E)
  - Australia (type W2A) / Korea (type W2K)
  - UK (type W3U) / China (type W2C)

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**Specification subject to change without notice**

www.sunny-euro.com
SYS1421 series
Wall-mount 2.5W~6W

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