621 Series 1 Amp Power Supply

MODULAR ACCESS CONTROL POWER SUPPLY
EASY AS 1 • 2 • 3

The 621 Series Access Control Power Supplies are designed to support access controls and electric locking devices. Equipped with two power limited outputs, the modular design enables versatility for installations with or without battery back-up or fire command center interface for emergency lock release.

FEATURES

- 12VDC or 24VDC field selectable output
- 1 Amp maximum, filtered and regulated output
  - 1 power limited switched output
  - 1 power limited auxiliary output
- Two control inputs
  - 1 trigger input, normally open (NO)
  - 1 supervised emergency release input (latching with reset or non-latching)
- When latching emergency release is selected and the switched output is deactivated by emergency release or power loss, power is restored by manual means only.
- Short circuit and thermal overload protection
- Battery charger output
- Automatically switched to battery back-up when AC fails
- Board equipped with AC input, DC output and battery status LED indicator
- Enclosure equipped with AC input, DC output and battery status LED indicator

MODELS

621B
Power supply module, 1 Amp 12/24VDC, Class 2; Input requirements: 40VA @ 24VAC

621J
Power supply module, cabinet with door mounted LED system status indicator

621P
Power supply module, 1 Amp, 12/24VDC, Class 2 with UL Listed plug-in transformer.

621PJ
Power supply module, 1 Amp, 12/24VDC, Class 2 with UL Listed plug-in transformer and small enclosure.

621P-UME
Power supply module, 1 Amp, 12/24VDC, Class 2 with UL Listed plug-in transformer and Universal Module Enclosure (UME).

SPECIFICATIONS

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<th>Model</th>
<th>Description</th>
<th>Specification</th>
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<tr>
<td>621B</td>
<td>Power supply module, 1 Amp 12/24VDC, Class 2; Input requirements</td>
<td>40VA @ 24VAC</td>
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<tr>
<td>621P/621PJ</td>
<td>Input</td>
<td>115VAC 60Hz, 0.6 Amp</td>
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<tr>
<td>Output</td>
<td>Filtered and electronically regulated</td>
<td>1 Amp @ 12/24VDC (field selectable)</td>
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<tr>
<td>Battery Charger</td>
<td>150mA @ 12VDC</td>
<td></td>
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<tr>
<td>Power Supply Board</td>
<td>4&quot;W x 3&quot;H x 1.625&quot;D</td>
<td></td>
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<tr>
<td>Enclosure</td>
<td>7.25&quot;W x 8.375&quot;H x 3.625&quot;D</td>
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### How to Order

1. **Specify Model**
   - **621B**
     - Power supply module, 1 Amp, 12/24VDC, Class 2
     - Input requirements: 40VA @ 24VAC; See options: TP2440
   - **621J**
     - Power supply module, cabinet with door mounted LED system status indicator
   - **621P**
     - Power supply module, 1 Amp, 12/24VDC, Class 2 with UL Listed plug-in transformer.
   - **621PJ**
     - Power supply module, 1 Amp, 12/24VDC, Class 2 with UL Listed plug-in transformer and small enclosure.
   - **621P-UME**
     - Power supply module, 1 Amp, 12/24VDC, Class 2 with UL Listed plug-in transformer and Universal Module Enclosure (UME).

2. **Specify Options (Optional)**
   - **TP2440**
     - 24VAC, 40VA transformer for use with 621B.
     - UL Listed
   - **RB12V**
     - 5Ah 12VDC battery (2 required for 24VDC)
   - **RB12V7**
     - 8Ah 12VDC battery (1 max with enclosure)

### 621 - Electrical Specifications

- **Input Voltage:** 24 - 28 VAC 40VA
- **Output Voltage:** 12 or 24 VDC
- **Input Current:** 1.2 amps Max.
- **Output Current:** 1 amp*

*40VA Transformer required to achieve 1 Amp output

![Diagram of 621B circuit](Image)

**621 LED Modes:**
- **On** = Normal Operation
- **Off** = No DC Output
- **Slow Flash** = Loss of AC
- **Battery Powered**
- **Fast Flash** = Trigger Input or Awaiting Reset