The RLW series are self-contained power units for 125VDC switch machines.

Features

- **Continuous rated** – will operate switches without batteries.
- **Compact** - wall mounting frees floor space.
- **Various Battery configurations** – sized to suit application.
- **Temperature compensation** - for extended battery life.
- **Ease of installation** - Full front accessible terminal block.

**Specifications**

**MODEL CAPACITIES:**

125VDC
- RLW 124 10A continuous duty.
- RLW 125 25A continuous duty.

24VDC
- RLW 126 10A continuous duty.
- RLW 127 25A continuous duty.

**PROTECTION:**

Input and Output breakers. Input transient suppression, output electronic current limit to 100% of rated output.

**STATUS & CONTROLS:**

Digital metering, AC fail, rectifier fail, high volts, low volts.

**ALARM CONTACT:**

Form 'C' for normally open or normally closed indication.

Triggered by – rectifier fail, high volts, low volts or AC power off.

**WARRANTY:**

Comprehensive 12 month.

In response to industry requests C-Can has expanded the RLW 100 series with two new models featuring higher output currents to allow switch machine operation whenever AC power is on, even with the batteries removed or in a fully discharged state.

**Related Products**

- Communication power systems.
- Battery systems.
- Railway signaling chargers.
## Technical Data

### Model
- **RLW124(125V)**
- **RLW125(125V)**
- **RLW126(24V)**
- **RLW127(24V)**

### Input
<table>
<thead>
<tr>
<th></th>
<th>RLW124(125V)</th>
<th>RLW125(125V)</th>
<th>RLW126(24V)</th>
<th>RLW127(24V)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage:</td>
<td>115/240 VAC</td>
<td>115/240 VAC</td>
<td>115/240 VAC</td>
<td>115/240 VAC</td>
</tr>
<tr>
<td>Phase:</td>
<td>Single</td>
<td>Single</td>
<td>Single</td>
<td>Single</td>
</tr>
<tr>
<td>Frequency:</td>
<td>60 Hz</td>
<td>60 Hz</td>
<td>60 Hz</td>
<td>60 Hz</td>
</tr>
<tr>
<td>Protection:</td>
<td>Breaker</td>
<td>Breaker</td>
<td>Breaker</td>
<td>Breaker</td>
</tr>
</tbody>
</table>

### Output
<table>
<thead>
<tr>
<th></th>
<th>RLW124(125V)</th>
<th>RLW125(125V)</th>
<th>RLW126(24V)</th>
<th>RLW127(24V)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current:</td>
<td>10 Amps</td>
<td>25 Amps</td>
<td>10 Amps</td>
<td>25 Amps</td>
</tr>
<tr>
<td>Regulation line:</td>
<td>.1% for +/-10%</td>
<td>.1% for +/-10%</td>
<td>.1% for +/-10%</td>
<td>.1% for +/-10%</td>
</tr>
<tr>
<td>Regulation load 0-100%:</td>
<td>+/-1%</td>
<td>+/-1%</td>
<td>+/-1%</td>
<td>+/-1%</td>
</tr>
<tr>
<td>Protection:</td>
<td>Breaker</td>
<td>Breaker</td>
<td>Breaker</td>
<td>Breaker</td>
</tr>
</tbody>
</table>

### Battery
- **Battery Type:** Optional
- **Battery Mounting: WxDxH**
  - Optional: External
  - External: Optional
  - External / Internal: External / Internal

### Physical
<table>
<thead>
<tr>
<th></th>
<th>RLW124(125V)</th>
<th>RLW125(125V)</th>
<th>RLW126(24V)</th>
<th>RLW127(24V)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions: WxDxH</td>
<td>17.25&quot;x10&quot;x19.25&quot;</td>
<td>17.25&quot;x10&quot;x19.25&quot;</td>
<td>17.25&quot;x10&quot;x19.25&quot;</td>
<td>17.25&quot;x10&quot;x19.25&quot;</td>
</tr>
<tr>
<td>Temp. - Operating:</td>
<td>-40 to +70 Deg C</td>
<td>-40 to +70 Deg C</td>
<td>-40 to +70 Deg C</td>
<td>-40 to +70 Deg C</td>
</tr>
<tr>
<td>Cabinet Type:</td>
<td>Wall mount</td>
<td>Wall mount</td>
<td>Wall mount</td>
<td>Wall mount</td>
</tr>
<tr>
<td>Mounting Option:</td>
<td>Rack mount</td>
<td>Rack mount</td>
<td>Rack mount</td>
<td>Rack mount</td>
</tr>
<tr>
<td>Rectifier Design:</td>
<td>SCR</td>
<td>SCR</td>
<td>SCR</td>
<td>SCR</td>
</tr>
<tr>
<td>Weight:</td>
<td>100Lbs</td>
<td>155 Lbs</td>
<td>60Lbs</td>
<td>100 Lbs</td>
</tr>
</tbody>
</table>

### Connections
- **Input:** Terminal block
- **Output:** Terminal block

Specifications subject to change without notice.

---

**ISO 9001 Registered**