

## SVL Essential DIN Rail Series

The SolaHD SVL Series power supplies are perfect for high volume, controlled environment applications where essential features are the only requirement. When space inside an enclosure is at a premium, their small footprint makes these power supplies an excellent alternative to embedded open frame switchers. The DIN rail mounting capability provides quicker and easier installation while allowing for design flexibility. These power supplies range from 15 to 960 Watts in 5, 12, 24 and 48 Volt combinations.



### Applications





- Test and Measure Equipment
- Scanners
- Instrumentation
- Printers Peripheral
- ATM Machines
- Semiconductor Fabrication Equipment
- Vending Machines

### Features

- Universal Input, single-phase and three-phase
- Protection
  - Short Circuit
  - Over Voltage
  - Overload
  - Over Temperature
- Power Factor Correction
- Convection Cooling
- Blinking OCP Diagnostic
- DC OK LED
- DC OK Relay for some models
- Two year limited warranty

### Certifications and Compliances

#### All Models

-  Listed, Ind. Control Equipment, E61379
    - UL 508, CSA C22.2 No. 107.1
  -  Recognized Component, ITE, E137632
    - UL 62368-1/CSA C22.2 No. 62368-1
    - UL 60950-1/CSA C22.2 No. 60950-1
  - 
    - IEC/EN60950-1
    - IEC/EN62368-1
    - Model SVL 1-24-100, SVL 3-5-100, SVL 4-12-100, SVL 2-24-100 were evaluated for NEC Class II outputs
  - RoHS Compliant
- SVL 5-24-480, SVL 10-24-480, SVL 20-24-480**
-  ANSI/ISA-12.12.01/CSA 213, Class I, Div 2 Groups A, B, C, D

### Related Products

- SDN-C Series
- SDN-P™ Series
- SDP™ Series

SVL Specifications <120W

| Description                     | Catalog Number  |                                    |   |
|---------------------------------|---|------------------------------------|---|
|                                 | SVL 3-5-100   | SVL 1-24-100                       | SVL 6-5-100                             |
| <b>Input</b>                    |   |                                    |   |
| Input Voltage Range             | 85-264 Vac  |                                    |   |
| - AC Range                      | 100-240 Vac   |                                    |   |
| - DC Range <sup>1</sup>         | 120-375 Vdc   |                                    |   |
| - Frequency                     | 50/60 Hz  |                                    |   |
| Nominal Current                 | 0.5 A @ 115 Vac<br>0.3 A @ 230 Vac  | 0.8 A @ 115 Vac<br>0.4 A @ 230 Vac | 0.9 A @ 115 Vac<br>0.5 A @ 230 Vac      |
| - Inrush Current max,           | 35 A @ 115 Vac<br>65 A @ 230 Vac  | 35 A @ 115 Vac<br>60 A @ 230 Vac   |   |
| Efficiency                      | 79% typ   | 88% typ                            | 80% typ                                 |
| Leakage Current                 | <1 mA @ 240 Vac   |                                    |   |
| Power Factor Correction         | Meets EN61000-3-2 Class A   |                                    |   |
| <b>Output</b>                   |   |                                    |   |
| Nominal Voltage                 | 5 V   | 24 V                               | 5 V                                     |
| - Tolerance                     | +/-2%   |                                    |   |
| Voltage Adjustable Range        | 5-5.5 V   | 24-28 V                            | 5-5.5 V                                 |
| - Ripple (25°C)                 | <75 mVp-p   |                                    |   |
| PARV (25°C)                     | <75 mVp-p   |                                    |   |
| Nominal Current                 | 3 A   | 1.25 A                             | 6 A                                     |
| Max. Power                      | 15 W  | 30 W                               |   |
| Holdup Time at full load (25°C) | 20 ms typ. @ 115 Vac<br>100 ms typ. @ 230 Vac   |                                    |   |
| Rise Time at full load (25°C)   | <100 ms   |                                    |   |
| Start Up at full load (25°C)    | <3000 ms @ 115 Vac, <1500 ms @ 230 Vac  |                                    |   |
| Regulation                      | <0.5% Line and <1% Load   |                                    |   |
| <b>Environmental Data</b>       |   |                                    |   |
| Operating Temperature           | -20°C to +70°C  |                                    |   |
| Relative Humidity               | 5 to 95% RH Non-condensing  |                                    |   |
| Storage temp                    | -40°C to +85°C  |                                    |   |
| Power Derating                  | See derating tables.  |                                    |   |
| Shock                           | IEC60068-2-27: half sine wave 10 G, single axis for a duration of 11 ms operational and 50 G three axes for duration of 11 ms each non-operational  |                                    |   |
| Vibration                       | IEC60068-2-6: sine wave; 10 Hz to 500 Hz at 2 g, 0.35 mm displacement, three axes for 60 min each operational and 5 Hz to 500 Hz at 2.09 grms, three axes for 20 min each non-operational |                                    |   |
| <b>Protections</b>              |   |                                    |   |
| Overvoltage Protection          | 6.3-7.4 V, Latching   | 30-34.8 V, Latching                | 6.3-7.4 V, Latching                     |
| Overload Protection             | Hiccup  |                                    |   |
| Over Temperature Protection     | No component damage, latch mode   |                                    |   |
| Short Circuit                   | Hiccup mode, non-latching (auto-recovery when the fault is removed)   |                                    |   |
| <b>Reliability</b>              |   |                                    |   |
| MTBF                            | >350 khrs (115 Vac/230 Vac @ 25°C) acc. to Telcordia SR-332 issue 3   |                                    |   |
| <b>EMC</b>                      |   |                                    |   |
| Galvanic Isolation              | I/P to O/P: 3 K Vac; I/P to GND: 1.5 K Vac; O/P to GND: 0.5 K Vac   |                                    |   |
| Emissions                       | EN55022 (CISPR22) Class B, EN55011 Class B, EN61000-6-3, EN61000-6-4, EN61000-3-3, EN61204-3, EN61000-3-2 Class A   |                                    |   |
| Immunity                        | EN55024, EN61000-6-1, EN61000-6-2 (EN61000-4-2, 3, 4, 5, 6, 8, 11, 12) Level 3, Performance Criteria A  |                                    |   |
| <b>General</b>                  |   |                                    |   |
| Housing                         | Plastic   |                                    |   |
| H x W x D – in (mm)             | 2.95 x 0.82 x 3.52 (75.0 x 21.0 x 89.5)   |                                    | 2.95 x 1.18 x 3.52 (75.0 x 30.0 x 89.5) |
| Unit Weight – lbs (g)           | 0.242 (110)   |                                    | 0.368 (167)                             |
| Shipping Weight – lbs (g)       | 0.309 (140)   |                                    | 0.419 (190)                             |
| LED Signals                     | GREEN light = DC OK , OCP = blinking  |                                    |   |
| DC OK Relay Contact             | No  |                                    |   |
| Warranty                        | 2 year  |                                    |   |

1. DC input range is not listed in safety file it is only to confirm product functional performance.

SVL Specifications <120W

| Description                     | Catalog Number  |                                    |  |
|---------------------------------|---|------------------------------------|--|
|                                 | SVL 4-12-100  | SVL 2-24-100                       | SVL 4-24-100                                 |
| <b>Input</b>                    |   |                                    |  |
| Input Voltage Range             | 85-264 Vac  |                                    |  |
| - AC Range                      | 100-240 Vac   |                                    |  |
| - DC Range <sup>1</sup>         | 120-375 Vdc   |                                    |  |
| - Frequency                     | 50/60 Hz  |                                    |  |
| Nominal Current                 | 1.0 A @ 115 Vac<br>0.6 A @ 230 Vac  | 1.0 A @ 115 Vac<br>0.6 A @ 230 Vac | 1.2 A @ 115 Vac<br>0.6 A @ 230 Vac           |
| - Inrush Current max.           | 35 A @ 115 Vac<br>60 A @ 230 Vac  |                                    |  |
| Efficiency                      | 88% typ   |                                    | 89% typ                                      |
| Leakage Current                 | <1 mA @ 240 Vac   |                                    |  |
| Power Factor Correction         | Meets EN61000-3-2 Class A   |                                    | Active PFC >0.9                              |
| <b>Output</b>                   |   |                                    |  |
| Nominal Voltage                 | 12 V  | 24 V                               |  |
| - Tolerance                     | +/-2%   |                                    |  |
| Voltage Adjustable Range        | 12-15 V   | 24-28 V                            |  |
| - Ripple (25°C)                 | <75 mVp-p   |                                    |  |
| PARD (25°C)                     | <75 mVp-p   |                                    |  |
| Nominal Current                 | 4 A   | 2.1 A                              | 4 A  |
| Max. Power                      | 48 W  | 50 W                               | 96 W   |
| Holdup Time at full load (25°C) | 20 ms typ. @ 115 Vac<br>90 ms typ. @ 230 Vac  |                                    | 25 ms typ. @ 115 Vac<br>50 ms typ. @ 230 Vac |
| Rise Time at full load (25°C)   | <100 ms   |                                    |  |
| Start Up at full load (25°C)    | <3000 ms @ 115 Vac, <1500 ms @ 230 Vac  |                                    |  |
| Regulation                      | <0.5% Line and <1% Load   |                                    |  |
| <b>Environmental Data</b>       |   |                                    |  |
| Operating Temperature           | -20°C to +70°C  |                                    |  |
| Relative Humidity               | 5 to 95% RH Non-condensing  |                                    |  |
| Storage temp                    | -40°C to +85°C  |                                    |  |
| Power Derating                  | See SVL derating tables.  |                                    |  |
| Shock                           | IEC60068-2-27: half sine wave 10 G, single axis for a duration of 11 ms operational and 50 G three axes for duration of 11 ms each non-operational                            |                                    |  |
| Vibration                       | IEC60068-2-6: 10 Hz to 500 Hz at 2 g, 0.35mm displacement, three axes for 60 min each operational and 5 Hz to 500 Hz at 2.09 grms, three axes for 20 min each non-operational |                                    |  |
| <b>Protections</b>              |   |                                    |  |
| Overvoltage Protection          | 16-18.7 V, Latching   | 30-34.8 V, Latching                |  |
| Overload Protection             | Current foldforward and then hiccup   |                                    |  |
| Over Temperature Protection     | No component damage, latch mode   |                                    |  |
| Short Circuit                   | Hiccup mode, non-latching (auto-recovery when the fault is removed)   |                                    |  |
| <b>Reliability</b>              |   |                                    |  |
| MTBF                            | >350 khrs (115 Vac/230 Vac @ 25°C) as per Telcordia SR-332 issue 3 Jan 2011.  |                                    |  |
| <b>EMC</b>                      |   |                                    |  |
| Galvanic Isolation              | I/P to O/P: 3 K Vac; I/P to GND: 1.5 K Vac; O/P to GND: 0.5 K Vac   |                                    |  |
| Emissions                       | EN55022 (CISPR22) Class B, EN55011 Class B, EN61000-6-3, EN61000-6-4, EN61000-3-3, EN61204-3, EN61000-3-2 Class A   |                                    |  |
| Immunity                        | EN55024, EN61000-6-1, EN61000-6-2 (EN61000-4-2, 3, 4, 5, 6, 8, 11, 12) Level 3, Performance Criteria A  |                                    |  |
| <b>General</b>                  |   |                                    |  |
| Housing                         | Metal Encased   |                                    |  |
| H x W x D – in (mm)             | 2.95 x 1.18 x 3.52 (75.0 x 30.0 x 89.5)   |                                    | 2.95 x 1.77 x 3.93 (75.0 x 45.0 x 100.0)     |
| Unit Weight – lbs (g)           | 0.390 (177)   |                                    | 0.698 (317)                                  |
| Shipping Weight – lbs (g)       | 0.478 (217)   |                                    | 0.816 (370)                                  |
| LED Signals                     | GREEN light = DC OK , OCP = blinking  |                                    |  |
| DC OK Relay Contact             | No  |                                    |  |
| Warranty                        | 2 year  |                                    |  |

1. DC input range is not listed in safety file it is only to confirm product functional performance.

SVL Specifications 120W and Above

| Description                     | Catalog Number  |  |  |  |
|---------------------------------|---|--|--|--|
|                                 | SVL 2-48-100  | SVL 5-24-100                               | SVL 10-24-100                                | SVL 20-24-100                                |
| <b>Input</b>                    |   |  |  |  |
| Input Voltage Range             | 85-264 Vac  |  |  |  |
| - AC Range                      | 100-240 Vac   |  |  |  |
| - DC Range <sup>1</sup>         | 120-375 Vdc   |  |  |  |
| - Frequency                     | 50/60 Hz  |  |  |  |
| Nominal Current                 | 2.20 A @ 115 Vac<br>1.40 A @ 230 Vac  |  | 2.8 A @ 115 Vac<br>1.4 A @ 230 Vac           | 5.4 A @ 115 Vac<br>2.7 A @ 230 Vac           |
| - Inrush Current max.           | 20 A typ.@ 115 Vac<br>40 A typ.@ 230 Vac  |  |  | 40A typ.@ 115 Vac<br>80A typ.@ 230 Vac       |
| Efficiency                      | 88% typ   |  |  |  |
| Leakage Current                 | <1 mA @ 240 Vac   |  |  |  |
| Power Factor Correction         | Meets EN61000-3-2 Class A   |  | Active PFC >0.95                             |  |
| <b>Output</b>                   |   |  |  |  |
| Nominal Voltage                 | 48V   |  | 24 V   |  |
| - Tolerance                     | +/-2%   |  |  |  |
| Voltage Adjustable Range        | 44-56 V   |  | 22-28 V                                      |  |
| - Ripple (25°C)                 | <120 mVp-p  |  | <100 mVp-p                                   |  |
| PARV (25°C)                     | <150 mVp-p  |  | <120 mVp-p                                   |  |
| Nominal Current                 | 2.5 A   | 5 A  | 10 A   | 20 A   |
| Max. Power                      | 120 W   |  | 240 W  | 480 W  |
| Holdup Time at full load (25°C) | 10 ms typ.@ 115 Vac<br>16 ms typ @ 230 Vac  |  |  |  |
| Rise Time at full load (25°C)   | <100 ms   |  |  |  |
| Start Up at full load (25°C)    | <1000 ms @ 115 Vac & 230 Vac  |  |  |  |
| Regulation                      | <0.5% Line and <1% Load   |  |  |  |
| <b>Environmental Data</b>       |   |  |  |  |
| Operating Temperature           | -20°C to +70°C  |  |  |  |
| Relative Humidity               | 5 to 95% RH Non-condensing  |  |  |  |
| Storage temp                    | -40°C to +85°C  |  |  |  |
| Power Derating                  | See derating tables.  |  |  |  |
| Shock                           | IEC60068-2-27: half sine wave 10 G, single axis for a duration of 11 ms operational and 50 G three axes for duration of 11 ms each non-operational  |  |  |  |
| Vibration                       | IEC60068-2-6: sine wave; 10 Hz to 500 Hz at 2 g, 0.35 mm displacement, three axes for 60 min each operational and 5 Hz to 500 Hz at 2.09 grms, three axes for 20 min each non-operational |  |  |  |
| <b>Protections</b>              |   |  |  |  |
| Overvoltage Protection          | 56-67.2 V, Latching, re-power to recover  | 28.8-35.2 V, latching, re-power to recover |  |  |
| Overload Protection             | 105- 50% of rated load; constant current at >20 V output and hiccup at <20 V output.<br><b>SVL 2-48-100:</b> constant current at >40 V output and hiccup at <40 V output, auto-recovery   |  |  |  |
| Over Temperature Protection     | No component damage, latch mode, re-power to recover  |  |  |  |
| Short Circuit                   | Hiccup mode, non-latching (auto-recovery when the fault is removed)   |  |  |  |
| <b>Reliability</b>              |   |  |  |  |
| MTBF                            | >700 khrs (115 Vac & 230 Vac @ 25°C) as per Telcordia SR-332 issue 3 Jan 2011.  |  |  |  |
| <b>EMC</b>                      |   |  |  |  |
| Galvanic Isolation              | I/P to O/P: 3 K Vac; I/P to GND: 2 K Vac; O/P to GND: 0.5 K Vac   |  |  |  |
| Emissions                       | EN55022 (CISPR22) Class B, EN55011 Class B, EN61000-6-3, EN61000-6-4, EN61000-3-3, EN61204-3, EN61000-3-2 Class A   |  |  |  |
| Immunity                        | EN55024, EN61000-6-1, EN61000-6-2 (EN61000-4-2, 3, 4, 5, 6, 8, 11, 12) Level 3, Performance Criteria A, SEMI F47 @ 200 Vac  |  |  |  |
| <b>General</b>                  |   |  |  |  |
| Housing                         | Plastic   |  |  |  |
| H x W x D – in (mm)             | 4.84 x 1.57 x 4.63<br>(123.6 x 40.0 x 117.6)  |  | 4.87 x 2.36 x 4.63<br>(123.6 x 60.0 x 117.6) | 4.87 x 3.37 x 5.06<br>(123.6 x 85.5 x 128.5) |
| Unit Weight – lbs (g)           | 1.19 (540)  |  | 1.76 (800)                                   | 2.87 (1300)                                  |
| Shipping Weight – lbs (g)       | 1.46 (660)  |  | 2.09 (950)                                   | 3.20 (1452)                                  |
| LED Signals                     | GREEN light = DC OK , OCP = blinking  |  |  |  |
| DC OK Relay Contact             | Yes   |  |  |  |
| Warranty                        | 2 year  |  |  |  |

1. DC input range is not listed in safety file it is only to confirm product functional performance.

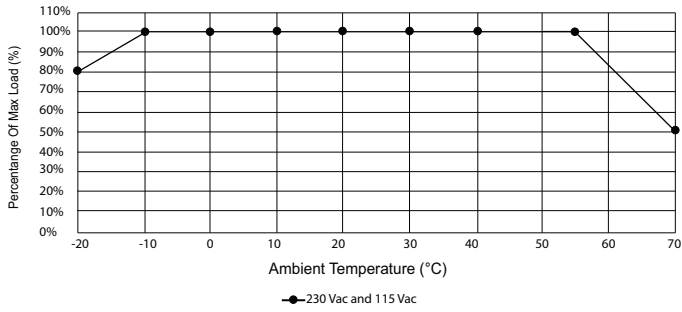
SVL Specifications Three-Phase

| Description                 | Catalog Number  |   |   |   |
|-----------------------------|---|---|---|---|
|                             | SVL 5–24–480 (5A)   | SVL 10–24–480 (10A)                               | SVL 20–24–480 (20A)                               | SVL 40–24–480 (40A)                               |
| <b>Input</b>                |   |   |   |   |
| Input Voltage Range         | 3 x 320-600 Vac (3-Phase)<br>or 2 x 360-600 Vac (2-Phase)   |   |   |   |
| – AC Range                  | 3 x 400-500 Vac (3-Phase)   |   |   |   |
| – Nominal Frequency         | 50/60 Hz  |   |   |   |
| Input Current               | < 0.50 A @ 3 x 400 Vac,<br>< 0.40 A @ 3 x 500 Vac   | < 0.75 A @ 3 x 400 Vac,<br>< 0.65 A @ 3 x 500 Vac | < 1.00 A @ 3 x 400 Vac,<br>< 0.75 A @ 3 x 500 Vac | < 1.70 A @ 3 x 400 Vac,<br>< 1.40 A @ 3 x 500V ac |
| – Inrush Current            | < 30 A @ 3 x 400 Vac<br>& 3 x 500 Vac   | < 40 A @ 3 x 400 Vac<br>& 3 x 500 Vac             | < 50 A @ 3 x 400 Vac<br>& 3 x 500 Vac             | < 60 A @ 3 x 400 Vac<br>& 3 x 500 Vac             |
| Efficiency                  | > 86%   | > 90%   | > 91%   | > 92%   |
| Power Factor Correction     | EN 61000-3-2, Class A   |   | > 0.95 @ 3 x 400 Vac, > 0.94 @ 3 x 500 Vac        |   |
| <b>Output</b>               |   |   |   |   |
| Nominal Voltage             | 24 V (24-28 Vdc Adjustable), +/-2%  |   |   |   |
| Ripple and PARD (25°C)      | < 150 mVpp  |   |   | < 240 mVpp  |
| Nominal Current             | 5 A   | 10 A  | 20 A  | 40 A  |
| Max. Power                  | 120 W   | 240 W   | 480 W   | 960 W   |
| Hold–up Time (100 % load)   | > 20 ms @ 3 x 400 Vac, > 40 ms @ 3 x 500 Vac  |   | > 20 ms @ 3 x 400 Vac and 3 x 500 Vac             |   |
| Regulation                  | < 0.5 % Line and < 1.0% Load  |   |   |   |
| <b>Environmental Data</b>   |   |   |   |   |
| Operating Temperature       | -25°C to +80°C  |   |   |   |
| Relative Humidity           | 5 to 95% RH (Non-Condensing)  |   |   |   |
| Storage temp                | -40°C to +85°C  |   |   |   |
| Power Derating              | See derating tables.  |   |   |   |
| Shock                       | Non-Operating: IEC 60068-2-27, 30 G (300 m/S²) for a duration of 18 ms, 1 times per direction, 2 times in total |   |   |   |
| Vibration                   | Non-Operating: IEC 60068-2-6, 10 Hz to 500 Hz @ 30 m/S² (3G peak); 60 min per axis for all X, Y, Z direction    |   |   |   |
| <b>Protections</b>          |   |   |   |   |
| Overvoltage Protection      | 32V ±10%, Hiccup Mode   |   |   |   |
| Overload Protection         | Hiccup  |   |   |   |
| Over Temperature Protection | < 80°C¹   |   |   | < 65°C¹   |
| Short Circuit               | Hiccup mode, non-latching (auto-recovery when the fault is removed)   |   |   |   |
| <b>Reliability</b>          |   |   |   |   |
| MTBF                        | > 800 khrs²   | > 500 khrs²                                       | > 500 khrs²                                       | > 300 khrs²                                       |
| <b>EMC</b>                  |   |   |   |   |
| Galvanic Isolation          | Input to Output: 4.0 kVac. Input to Ground: 2.0 kVac. Output to Ground: 1.5 kVac.                               |   |   |   |
| Emissions                   | CISPR 32, EN 55032, CISPR 11, EN 55011, FCC Title 47: Class B   |   |   |   |
| Immunity                    | EN 55024, EN 61000-6-2 (EN 61000-4-2, 3, 4, 5, 6, 8, 11, 12)  |   |   |   |
| <b>General</b>              |   |   |   |   |
| Housing                     | Metal   |   |   |   |
| H x W x D – in (mm)         | 4.76 x 1.97 x 4.62<br>(121 x 50 x 117.3)  | 4.76 x 2.76 x 4.62<br>(121 x 70 x 117.3)          | 4.76 x 5.51 x 4.62<br>(121 x 140 x 117.3)         | 4.76 x 10 x 4.62<br>(121 x 255 x 117.3)           |
| Unit Weight – lbs (g)       | 1.46 (660)  | 1.96 (890)  | 2.98 (1350)                                       | 5.73 (2600)                                       |
| LED Signals                 | GREEN Light = DC OK, OCP = Blinking, OVP = Blinking @ Max load, OTP = LED OFF, SCP = LED OFF                    |   |   |   |
| Warranty                    | 2 years   |   |   |   |

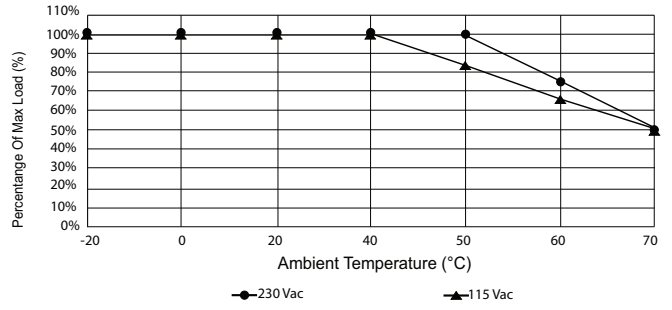
1. Surrounding Air Temperature @ 100% load, Non-Latching (Auto-Recovery).  
 2. According to Telcordia SR-332, I/P: 3 x 400Vac, O/P: 100% load, Ta: 25°C.

SVL Derating Tables

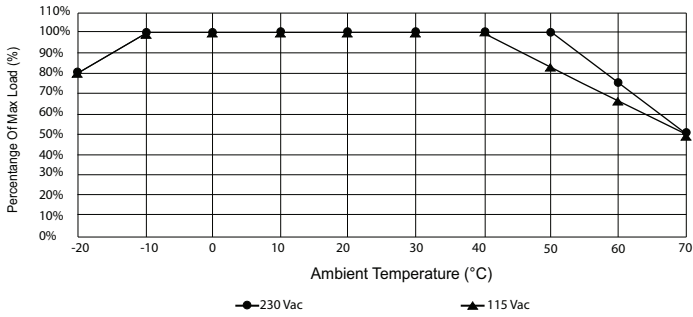
15 Watt – 96 Watt Models (Single Phase)



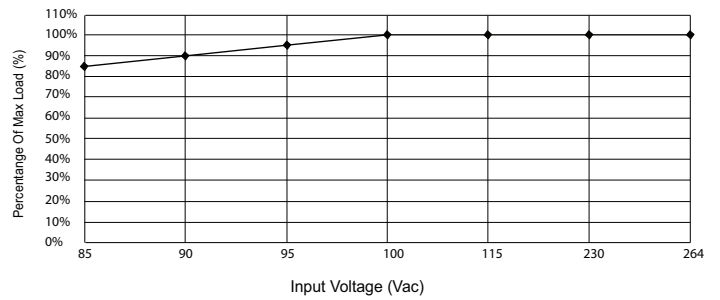
240 Watt Models (Single Phase)



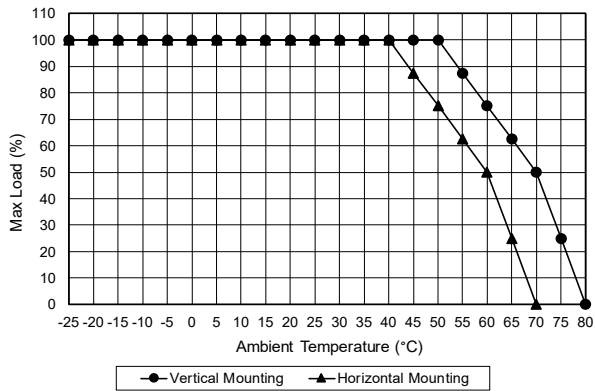
120 Watt and 480 Watt Models (Single Phase)



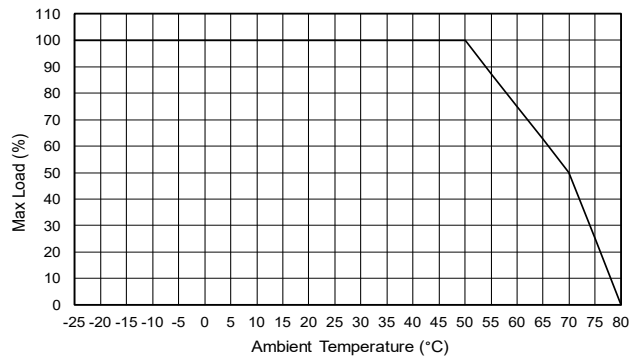
120 Watt – 480 Watt Models (Single Phase)



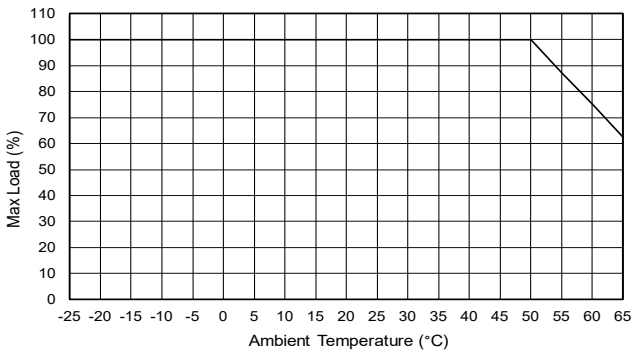
120 Watt and 240 Watt (Three Phase)



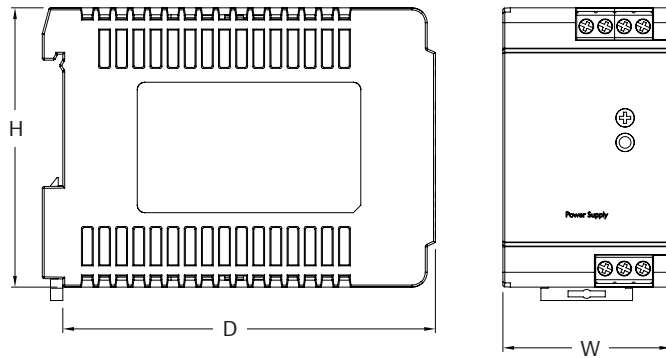
480 Watt Models (Three Phase)



960 Watt Models (Three Phase)



SVL Series Dimensions



| Catalog Number       | Dimensions – inches (mm) |               |              |
|----------------------|--------------------------|---------------|--------------|
|                      | H                        | W             | D            |
| <b>SVL 3–5–100</b>   | 2.95 (75.0)              | 0.82 (21.0)   | 3.52 (89.5)  |
| <b>SVL 1–24–100</b>  | 2.95 (75.0)              | 0.82 (21.0)   | 3.52 (89.5)  |
| <b>SVL 6–5–100</b>   | 2.95 (75.0)              | 1.18 (30.0)   | 3.52 (89.5)  |
| <b>SVL 4–12–100</b>  | 2.95 (75.0)              | 1.18 (30.0)   | 3.52 (89.5)  |
| <b>SVL 2–24–100</b>  | 2.95 (75.0)              | 1.18 (30.0)   | 3.52 (89.5)  |
| <b>SVL 4–24–100</b>  | 2.95 (75.0)              | 1.77 (45.0)   | 3.93 (100.0) |
| <b>SVL 2–48–100</b>  | 4.84 (123.6)             | 1.57 (40.0)   | 4.63 (117.6) |
| <b>SVL 5–24–100</b>  | 4.84 (123.6)             | 1.57 (40.0)   | 4.63 (117.6) |
| <b>SVL 10–24–100</b> | 4.87 (123.6)             | 2.36 (60.0)   | 4.63 (117.6) |
| <b>SVL 20–24–100</b> | 4.87 (123.6)             | 3.37 (85.5)   | 5.06 (128.5) |
| <b>SVL 5–24–480</b>  | 4.76 (121.0)             | 1.97 (50.0)   | 4.62 (117.3) |
| <b>SVL 10–24–480</b> | 4.76 (121.0)             | 2.76 (70.0)   | 4.62 (117.3) |
| <b>SVL 20–24–480</b> | 4.76 (121.0)             | 5.51 (140.0)  | 4.62 (117.3) |
| <b>SVL 40–24–480</b> | 4.76 (121)               | 10.00 (255.0) | 4.62 (117.3) |