



SVL SERIES: ESSENTIAL POWER SUPPLIES

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 480 Watts in 5, 12, 24 and 48 Volt combinations.

SUITABLE APPLICATIONS

- Test and Measure Equipment
- Scanners
- Instrumentation
- Printers peripheral
- ATM Machines
- Vending Machines

ESSENTIAL FEATURES

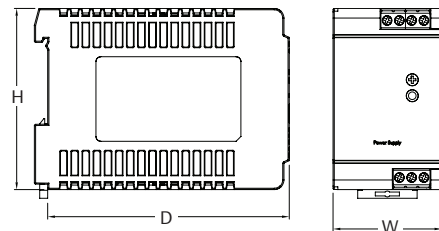
- Universal Input
- Protection
 - Short Circuit
 - Over Voltage
 - Overload
 - Over Temperature
- Convection cooling
- DC OK LED
- DC OK Relay on high power models
- 2 year warranty

CERTIFICATIONS AND COMPLIANCES

- **UL** Listed, Industrial Control Equipment, E61379
 - UL 508, CSA C22.2 No. 107.1
- **UL** Recognized Component, ITE, E137632
 - UL 60950-1/CSA C22.2 No. 60950-1, 2nd Edition
- **CE**
 - IEC/EN60950-1, 2nd Edition.
 - Model SVL 1-24-100, SVL 3-5-100, SVL 4-12-100, SVL 2-24-100 were evaluated for NEC Class 2 outputs.
- RoHS Compliant

DIMENSIONS (HxWxD)

- **SVL 3-5-100, SVL 1-24-100:**
75mm x 21mm x 89.5mm (2.95" x 0.83" x 3.52")
- **SVL 6-5-100, SVL 4-12-100, SVL 2-24-100:**
75mm x 30mm x 89.5mm (2.95" x 1.18" x 3.52")
- **SVL 4-24-100:**
75mm x 45mm x 100mm (2.95" x 1.77" x 3.94")
- **SVL 5-24-100, SVL 2-48-100:**
128.8mm x 40mm x 125.8mm (5.07" x 1.57" x 4.95")
- **SVL 10-24-100:**
128.8mm x 60mm x 151mm (5.07" x 2.36" x 5.94")
- **SVL 20-24-100:**
128.8mm x 95mm x 151mm (5.07" x 3.74" x 5.94")



SOLAHD

For product information:
www.solahd.com
1.800.377.4384



GENERAL SPECIFICATIONS

Description	15 W	30 W	50 W	100 W	120 W	240 W	480 W
Input							
Voltage Range ①	85-264 Vac / 120-375 Vdc						
Max Inrush Current	35A/115 Vac; 65A/230 Vac				20A/115 Vac; 40A/230 Vac		
Output							
Tolerance	+/-2%						
PARD (@ 25 °C) ②	< 75 mVp-p				< 120 mVp-p		
General							
EMC	CISPR22, EN55022, EN55011, Class B, EN 61000-6-1, EN 61000-6-3, EN55024, SEMI F47 (120-480 W models)						
Environment							
Over Temperature Protection	Shut down output voltage, repower on to recover						
Operating Temp	-20 °C to +70 °C (See user manual for de-rating curves)						
Humidity	5 to 95% RH Non-condensing						

Power	Catalog Number	DC Output Voltage	DC Output Voltage Range	Output Current	Overload Protection	Unit Weight kg (lb)
15W	SVL 3-5-100	5 V	5-5.5 V	3 A	Auto-recovery	0.11 (0.24)
30 W	SVL 1-24-100	24 V	24-28 V	1.25 A		
	SVL 6-5-100	5 V	5-5.5 V	6 A		
50 W	SVL 4-12-100	12 V	12-15 V	4 A	Current foldforward; Auto-recovery	0.18 (0.40)
	SVL 2-24-100	24 V	24-28 V	2.1 A		
100 W	SVL 4-24-100			4 A		
120 W	SVL 5-24-100	48 V	22-28 V	5 A	Constant Current; Auto-recovery	TBD
	SVL 2-48-100		44-56 V	2.5 A		
240 W	SVL 10-24-100	24 V	22-28 V	10 A		
480 W	SVL 20-24-100			20 A		

① Not UL listed for DC input
 ② SVL 2-48-100 (120 W) is <150 mVp-p



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