

- Universal AC Input
- Short Circuit/Overload Protection, Over Voltage Protection
- Low Profile - 23mm
- Built-In Remote On/Off
- 2 Year Warranty
- Convection Cooled



Specification

Input Voltage.....	90~264VAC, 47~63Hz, 120-370VDC
Output Voltage.....	See table below (adjustment range +/-10%)
Over Load Protection.....	122 ~ 160% hiccup mode, auto recovery
Over Voltage Protection.....	110 ~ 135% of output voltage
Line Regulation.....	+/-1%
Load Regulation.....	+/-3% (3.3/5V models), +/-2%(12/15V models), +/-1%(others)
Set Up, Rise, Hold Up Time.....	100 ms, 40 ms, 70 ms, 230VAC input
Isolation Voltage.....	I/P-O/P: 3kVAC, I/P-FG: 1.5kVAC
Operating Temperature.....	-20 °C~+70 °C (see derating curve)
Safety Standard.....	UL60950, TUV EN60950-1
EMC Standard.....	EN55022 Class B, EN61000-4-2,3,4,5,6,8,11 EN61000-3-2,3, ENV50204, EN55024, EN61000-6-2 (EN50082-2) heavy industry level, criteria A
MTBF.....	341.7 khrs (MIL-HDBK-217F) @ 25 °C
Weight.....	0.24 kg
Options.....	Safety covers and custom looms available

Models and Ratings

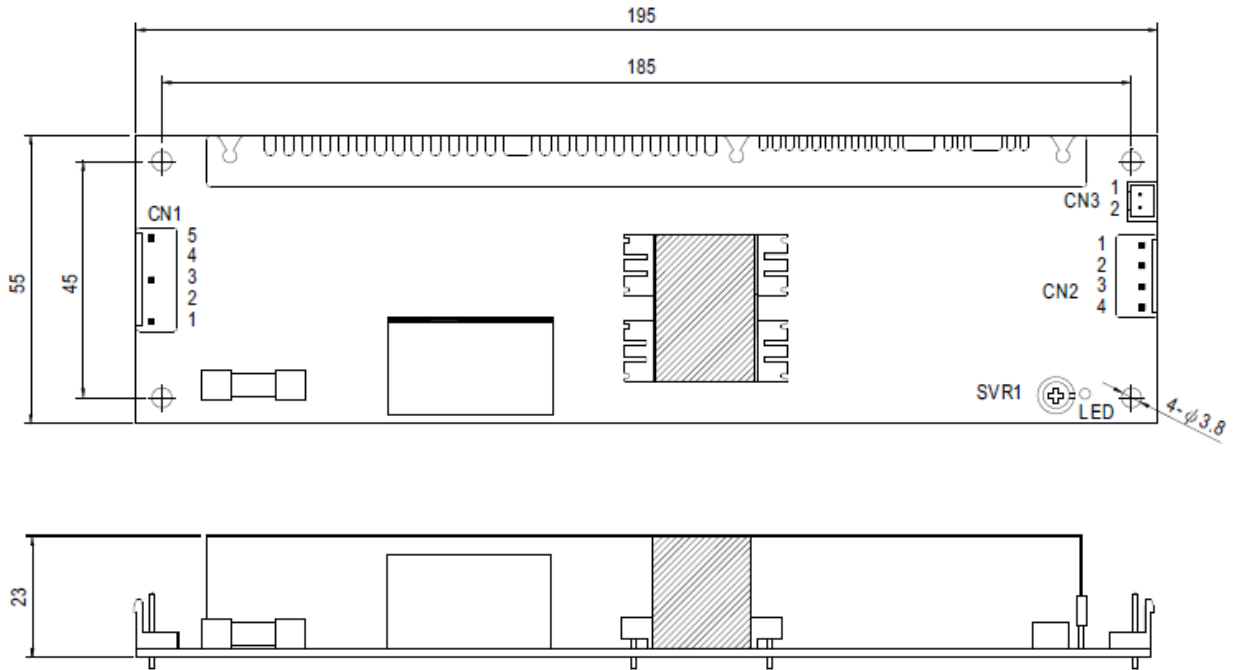
Model	Output	Peak Load (10 seconds)	Ripple & Noise	Efficiency
LPS-50-3.3	3.3V / 10A	39.6 W	50mV	75%
LPS-50-5	5V / 10A	60 W	50mV	81%
LPS-50-12	12V / 4.2A	60 W	80mV	82%
LPS-50-15	15V / 3.4A	61 W	80mV	84%
LPS-50-24	24V / 2.1A	60 W	80mV	85%
LPS-50-48	48V / 1.1A	62.4 W	100mV	86%

Notes:

Remote On/Off: Via connector CN3- 0~0.8V = Power on, 4~10V = power off
 Peak power is on a 33.3% duty cycle maximum, within every 30 seconds. Average output power should not exceed the total rated power

For mechanical details and derating, see next page

Mechanical Details



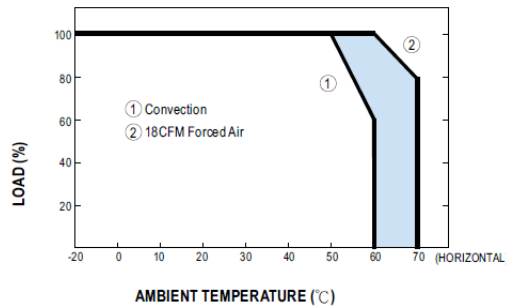
Pinout

AC Input Connector (CN1): JST B5P-VH or equivalent			
Pin	Function	Mating Housing	Terminal
1	AC Live	JST VHR or equivalent	JST SVH-21T-P1.1 or equivalent
2, 4	No Pin		
3	AC Neutral		
5	F/G		

DC Output Connector (CN2): JST B4P-VH or equivalent			
Pin	Function	Mating Housing	Terminal
1,2	-V Out	JST VHR or equivalent	JST SVH-2.1T-P1.1 or equivalent
3,4	+V Out		

Remote ON/OFF Connector (CN3): JST B2B-XH or equivalent			
Pin	Function	Mating Housing	Terminal
1	RC+	JST XHP or equivalent	JST SXH-001T-P0.6 or equivalent
2	RC-		

Temperature Derating



Specifications can change without notice, E&OE. ALL PSU Terms & Conditions apply.
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