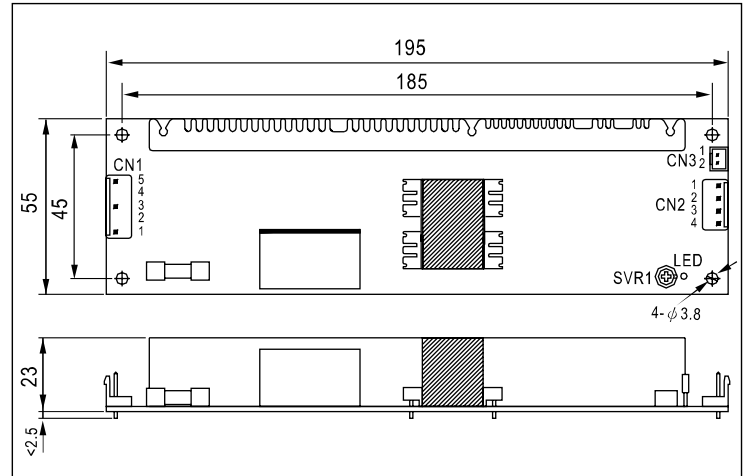


# 50W Single Output Switching Power Supply

- Universal AC input / Full range
- Protections: Short circuit / Overload / Over voltage
- Peak load 60W for 10 sec.
- Built-in remote ON/OFF control
- Cooling by free air convection
- Approvals: UL / CUL / TUV / CB / CE
- EN61000-6-2 heavy industry EMS level
- 100% full load burn-in test
- 2 years warranty



195x 55x 23 mm



- AC input voltage range .... 90~264VAC; 127~370VDC  
 AC inrush current ..... Cold start, 35A at 230VAC  
 DC adjustment range .....  $\pm 10\%$  rated output voltage  
 Overload protection ..... 122~160% hiccup mode, auto-recovery  
 Over voltage protection ... 115~135% rated output voltage  
 Setup, rise, hold up time .. 100ms, 40ms, 70ms at full load and 230VAC  
 Working temperature .....  $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$  (refer to output derating curve)  
 Safety standards ..... UL60950-1, TUV EN60950-1 approved  
 EMC standards ..... EN55022 class B, EN61000-3-2,3, EN61000-6-2,  
 EN61000-4-2,3,4,5,6,8,11, ENV50204  
 Connection ..... 5+4+2P/3.96mm pitch JST B5P/B4P-VH, B2B-XH  
 Packing ..... 0.24kg ; 48pcs / 12.5kg / 0.84CUFT

Stock No.	Model No.	Output	Tol.	R&N	Effi.
12541	LPS-50-3.3	3.3V, 0~10A	$\pm 3\%$	50mV	75%
12542	LPS-50-5	5V, 0~10A	$\pm 3\%$	50mV	81%
12543	LPS-50-12	12V, 0~4.2A	$\pm 2\%$	80mV	82%
12544	LPS-50-15	15V, 0~3.4A	$\pm 2\%$	80mV	84%
12545	LPS-50-24	24V, 0~2.1A	$\pm 1\%$	80mV	85%
12546	LPS-50-48	48V, 0~1.1A	$\pm 1\%$	100mV	86%