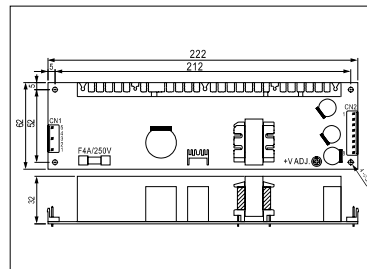
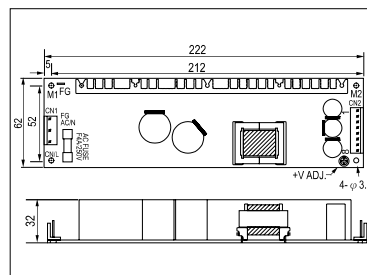


# 100W Single Output Switching Power Supply

- Universal AC input / Full range
- PF > 0.98@115VAC; >0.95@230VAC
- Protections: Short circuit / Overload / Over voltage
- Cooling by free air convection
- Approvals: UL / CUL / TUV / CB / CE
- Fixed switching frequency at 134KHz
- 100% full load burn-in test
- Leakage current <2mA @ 240VAC
- 3 years warranty (2 years for LPS-100)



- AC input voltage rang.....88~264VAC; 127~370VDC (188~132 / 176~264VAC auto switch for LPS-100)
- AC inrush current ..... Cold start, 60A at 230VAC (30A for LPP-100)
- Leakage current ..... Less than 2.0mA at 240VAC
- DC adjustment range ..... -5~+10% rated output voltage ( $\pm 10\%$  for LPS-100)
- Overload protection ..... 105%~140% hiccup mode, auto-recovery (LPS)  
105%~150% constant current, auto-recovery (LPP)
- Over voltage protection .... 115%~135% rated output voltage
- Setup, rise, hold up time ...800ms, 50ms, 20ms at full load and 230VAC (LPS-100)  
600ms, 30ms, 28ms at full load and 230VAC (LPP-100)
- Withstand voltage ..... I/P-O/P: 3KVAC, I/P-FG:1.5KVAC, 1minute
- Working temperature ..... -10°C~60°C (refer to output derating curve)
- Safety standards .....UL60950-1, TUV EN60950-1 approved
- EMC standards ..... EN55022 class B, EN61000-3-2,3,  
EN61000-4-2,3,4,5,6,11, ENV50204
- Connection .....5+8P/ 3.96mm pitch, JST P/N: B5P / B8P-VH
- Packing .....0.45kg ; 24pcs / 12.5kg / 1.76CUFT (LPS-100)  
0.51kg ; 24pcs / 13.9kg / 1.76CUFT (LPP-100)

## ❖ LPS Series (Without PFC Function)

Stock No.	Model No.	Output	Tol.	R&N	Effi.
12301	LPS-100-3.3	3.3V, 0~20A	$\pm 3\%$	150mV	69%
12302	LPS-100-5	5V, 0~20A	$\pm 3\%$	100mV	77%
12303	LPS-100-7.5	7.5V, 0~13.3A	$\pm 2\%$	100mV	77%
12304	LPS-100-12	12V, 0~8.4A	$\pm 2\%$	100mV	79%
12305	LPS-100-13.5	13.5V, 0~7.5A	$\pm 2\%$	100mV	79%
12306	LPS-100-15	15V, 0~6.7A	$\pm 2\%$	100mV	80%
12307	LPS-100-24	24V, 0~4.2A	$\pm 1\%$	150mV	80%
12308	LPS-100-27	27V, 0~3.8A	$\pm 1\%$	150mV	81%
12309	LPS-100-48	48V, 0~2.1A	$\pm 1\%$	200mV	81%

## ❖ LPP Series (With PFC Function)

Stock No.	Model No.	Output	Tol.	R&N	Effi.
12321	LPP-100-3.3	3.3V, 0~20A	$\pm 2\%$	100mV	69%
12322	LPP-100-5	5V, 0~20A	$\pm 2\%$	100mV	75%
12323	LPP-100-7.5	7.5V, 0~13.5A	$\pm 2\%$	100mV	76%
12324	LPP-100-12	12V, 0~8.5A	$\pm 2\%$	100mV	79%
12325	LPP-100-13.5	13.5V, 0~7.5A	$\pm 2\%$	100mV	79%
12326	LPP-100-15	15V, 0~6.7A	$\pm 2\%$	100mV	80%
12327	LPP-100-24	24V, 0~4.2A	$\pm 1\%$	150mV	83%
12328	LPP-100-27	27V, 0~3.8A	$\pm 1\%$	150mV	83%
12329	LPP-100-48	48V, 0~2.1A	$\pm 1\%$	250mV	83%