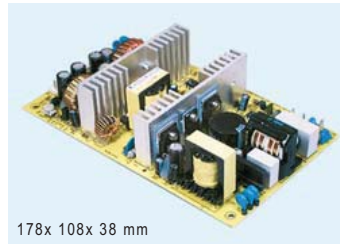
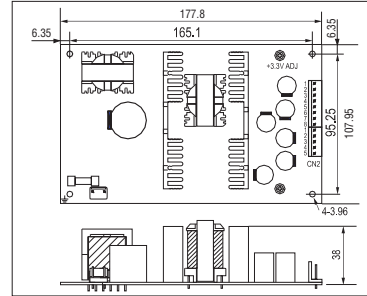


# 100W Quad Output with PFC Function

- Universal AC input / Full range
- PF>0.98@115VAC; >0.95@230VAC
- Protections: Short circuit / Overload / Over voltage
- Cooling by free air convection
- 100% full load burn-in test
- 3 years warranty



178x 108x 38 mm



- AC input voltage range .. 90~264VAC; 127~370VDC
- AC inrush current ..... Cold start, 40A at 230VAC
- DC adjustment range ..... CH1: -5%~+10% (PPQ-1003: CH1&2 -5%~+10%)
- Overload protection ..... 105%~135% hiccup mode, auto-recovery (PPQ-100)  
105%~135% constant current, auto-recovery (PPQ-1003)
- Over voltage protection .. 3.6V~4.3V for 3.3V ; 5.75V~6.75V for 5.0V
- Leakage current ..... Less than 3.5mA at 240VAC (PPQ-1003: <1mA)
- Setup, rise, hold up time .. 800ms, 50ms, 18ms at full load and 230VAC
- 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,  
EN61000-4-2,3,4,5,6,8,11, ENV50204
- Connection ..... 5P+5P+8P/ 3.96mm pitch, P/N:JST B5/5/8P-VH (PPQ-100)  
3P+5P+8P/ 3.96mm pitch, P/N:JST B3/5/8P-VH (PPQ-1003)
- Packing ..... 0.62kg ; 24pcs / 15.5kg / 1.34CUFT (PPQ-1003)  
0.62kg ; 24pcs / 15.9kg / 1.34CUFT (PPQ-100)

Model No.	Output	Tol.	R&N	Effi.	Max.
PPQ-1003A	3.3V, 0.0~15A	±3%	100mV	72%	109W
	5V, 2.0~15A	±3%	100mV		
	12V, 0.2~3.0A	±6%	150mV		
	-5V, 0.0~1.0A	±6%	100mV		
PPQ-1003B	3.3V, 0.0~15A	±3%	100mV	72%	111W
	5V, 2.0~15A	±3%	100mV		
	12V, 0.2~3.0A	±6%	150mV		
	-12V, 0.0~1.0A	±6%	120mV		
PPQ-1003C	3.3V, 0.0~15A	±3%	100mV	72%	110W
	5V, 2.0~15A	±3%	100mV		
	15V, 0.2~3.0A	+10%, -5%	180mV		
	-15V, 0.0~1.0A	±6%	150mV		
PPQ-1003D	3.3V, 0.0~15A	±3%	100mV	72%	114W
	5V, 2.0~15A	±3%	100mV		
	12V, 0.2~3.0A	±6%	150mV		
	24V, 0.0~1.0A	±6%	150mV		
PPQ-100B	5V, 2.0~15A	±3%	100mV	75%	101W
	12V, 0.3~4.0A	±8%	150mV		
	-12V, 0.0~1.0A	±5%	100mV		
	-5V, 0.0~1.0A	±5%	100mV		
PPQ-100C	5V, 2.0~15A	±3%	100mV	76%	101W
	15V, 0.3~4.0A	-6%, +10%	150mV		
	-15V, 0.0~1.0A	±5%	100mV		
	-5V, 0.0~1.0A	±5%	100mV		
PPQ-100D	5V, 2.0~10A	±3%	100mV	78%	102W
	24V, 0.3~4.0A	±8%	200mV		
	12V, 0.0~1.0A	±5%	100mV		
	-12V, 0.0~1.0A	±5%	100mV		