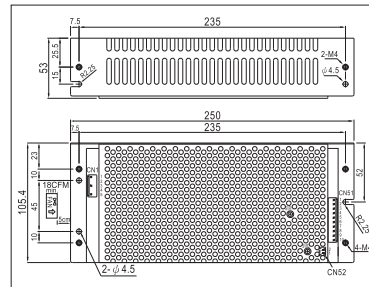
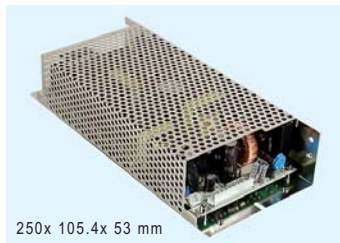
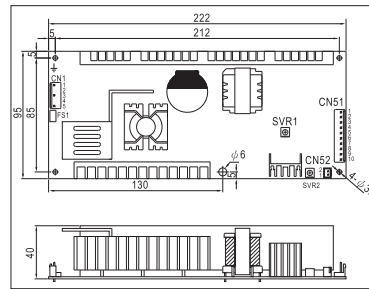
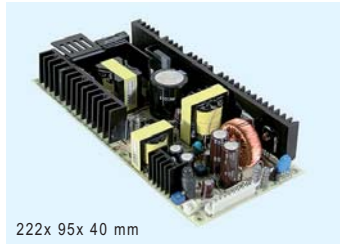


250W Isolated Dual Output with PFC Function

- Universal AC input / Full range
- Isolated output & GND for CH1,CH2
- PF>0.97@115VAC; >0.92@230VAC
- Protections: Short circuit / Overload / Over voltage / Over temp.
- Optional case available
- Cooling by free air convection
- Remote control function for CH1
- Peak load 170% for 10 sec. (CH1)
- 100% full load burn-in test
- 3 years warranty



AC input voltage range 90~264VAC; 127~370VDC
 AC inrush current Cold start, 58A at 230VAC
 Leakage current Less than 3.5mA at 240VAC
 DC adjustment range $\pm 10\%$ for CH1; $\pm 5\%$ for CH2
 Overload protection(CH1) 105%~170% normally operation, shut off after 10 sec.; >180%, constant current, shut off after 10 sec.
 (CH2) 101%~150% hiccup mode, auto-recovery
 Over voltage protection CH1: 115%~140%, CH2: 110%~135%
 Setup, rise, hold up time 1200ms, 60ms, 30ms at full load and 230VAC
 Withstand voltage I/P-O/P:3.0kVAC, I/P-FG:1.5kVAC, 1minute
 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
 EN61000-4-2,3,4,5,6,8,11, ENV50204
 Connection 5+10+2P/3.96mm pitch JST B5P/B10P-VH, B2B-XH
 Packing 0.74Kg ; 18pcs / 14.3Kg / 0.88CUFT

Model No.	Output	Tol.	R&N	Effi.
PID-250A	12V, 0~15A	$\pm 3\%$	120mV	83%
	5V, 0~5.0A	$\pm 2\%$	50mV	
PID-250B	24V, 0~9.4A	$\pm 2\%$	150mV	86%
	5V, 0~5.0A	$\pm 2\%$	50mV	
PID-250C	36V, 0~6.3A	$\pm 2\%$	200mV	86%
	5V, 0~5.0A	$\pm 2\%$	50mV	
PID-250D	48V, 0~4.7A	$\pm 2\%$	200mV	86%
	5V, 0~5.0A	$\pm 2\%$	50mV	

► Feature Description

PID-250 series is suitable for motor-based equipment with logic control circuit. CH1 with high peak power capability can provide the required surge loading while starting up the motor. The isolated 5V/5A CH2 is good for logic control usage and can still work properly even CH1 is malfunction or at any protection modes. The isolated design between CH1 and CH2 can significantly prevent noise of the motor action from entering control circuits and hence secure the accurate operation of the end equipment.