

250W Single Output with PFC



199x 105x 41 mm

- Universal AC input / Full range
- Built-in active PFC function
- **Conformal coating**
- **High efficiency up to 87%**
- Protections:
Short circuit / Overload /
Over voltage / Over temperature
- Forced air cooling by built-in DC fan
- 1U low profile: 41mm
- Built-in remote sense function
- LED indicator for power on
- **Suitable for moving sign application**
- 3 years warranty

AC input voltage range 85~264VAC; 120~370VDC

DC adjustment range $\pm 10\%$ rated output voltage

AC inrush current Cold start, 70A at 230VAC

Overload protection 105%~135% hiccup mode, auto-recovery

Over voltage protection 115%~135% shut down O/P voltage, re-power on to recover

Setup, rise, hold up time 3000ms, 50ms, 16ms at full load and 230VAC

Withstand voltage I/P - O/P: 3kVAC, I/P-FG: 1.5kVAC, O/P-FG: 0.5kVAC

Working temperature $-40^{\circ}\text{C} \sim +70^{\circ}\text{C}$ (refer to output derating curve)

Safety standards UL60950-1, TUV EN60950-1 approved

EMC standards EN55022 Class B, EN61000-3-2,3, EN55024, ENV50204, EN61000-4-2,3,4,5,6,8,11, EN61000-6-2

Model No.	Output	Tol.	R&N	Effi.
HSP-250-2.5	2.5V, 0~50A	$\pm 2\%$	100mV	79%
HSP-250-3.6	3.6V, 0~50A	$\pm 2\%$	100mV	83%
HSP-250-5	5V, 0~50A	$\pm 2\%$	100mV	87%