

150W Single Output with PFC



UL/CUL/TUV/CE pending



220x 62.5x 32 mm

- Universal AC input / Full range
- Withstand 300VAC surge input for 5 seconds
- Built-in active PFC function
- High efficiency up to 90%
- Protections:
 - Short circuit / Overload /
 - Over voltage / Over temperature
- Cooling by free air convection
- 1U low profile: 32mm
- Built-in remote sense function
- LED indicator for power on
- Conformal coating
- Suitable for moving sign application
- 3 years warranty

AC input voltage range 90~264VAC; 127~370VDC

AC inrush current Cold start, 65A at 230VAC

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

Overload protection 105%~150% hiccup mode, auto-recovery

Over voltage protection 115%~135% hiccup mode, auto-recovery

Setup, rise, hold up time 2000ms, 100ms, 16ms at full load and 230VAC

Withstand voltage I/P - O/P: 3.75kVAC, I/P-FG: 1.88kVAC,
O/P-FG: 0.5kVAC

Working temperature $-30^{\circ}\text{C} \sim +70^{\circ}\text{C}$ (refer to output derating curve)

Safety standards Design refer to UL60950-1, EN60950-1

EMC standards Design refer to EN55022 class B, EN61000-3-2 class C,
EN61000-3-3, EN61547, ENV50204,
EN61000-4-2,3,4,5,6,8,11

Model No.	Output	Tol.	R&N	Effi.
HSP-150-2.5	2.5V, 0~30A	$\pm 2\%$	50mV	80%
HSP-150-3.8	3.8V, 0~30A	$\pm 2\%$	50mV	86%
HSP-150-5	5V, 0~30A	$\pm 2\%$	50mV	90%