

80W Single Output Class 2 with PFC

UL / CUL / TUV / CB / CE pending



181x 61.5x 35 mm

- Universal AC input (up to 305VAC)
- Protections: Short circuit / Overload / Over voltage / Over temperature
- Built-in active PFC function
- IP64 design
- Fully isolated plastic case
- Cooling by free air convection
- Suitable for LED lighting and moving sign applications
- Suitable for dry, damp location
- Multiple models for choice:
 - A-Type: Output and constant current level can be adjusted through internal potential meter
 - B-Type: Constant current level adjusted through output cable with 1~10VDC, PWM signal or resistance
- 3 years warranty

AC input voltage range 90~305VAC; 127~431VDC
 AC inrush current Cold start, 70A at 230VAC
 DC adjustment range $\pm 10\%$ rated output voltage (type A only)
 Current adjustment range.....50%~100% rated output current
 Overload protection 95%~108% constant current, auto-recovery
 Over voltage protection 115%~135% shut off, re-power on to recover
 Setup, rise, hold up time 1000ms, 80ms, 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°C~+50°C (refer to output derating curve)
 Safety standards Design refer to TUV EN61347-2-13, UL8750
 EMC standards Design refer to EN55015, EN61000-3-2 Class C, EN61000-4-2,3,4,5,6,8,11, ENV50204, EN61547

Model No.	Output	Tol.	R&N	Effi.
HLN-80H-12 <input type="checkbox"/>	12V, 0~5.00A	$\pm 2.5\%$	150mV	88.0%
HLN-80H-15 <input type="checkbox"/>	15V, 0~5.00A	$\pm 2.0\%$	150mV	89.0%
HLN-80H-20 <input type="checkbox"/>	20V, 0~4.00A	$\pm 1.0\%$	150mV	90.5%
HLN-80H-24 <input type="checkbox"/>	24V, 0~3.40A	$\pm 1.0\%$	150mV	91.0%
HLN-80H-30 <input type="checkbox"/>	30V, 0~2.70A	$\pm 1.0\%$	200mV	91.0%
HLN-80H-36 <input type="checkbox"/>	36V, 0~2.30A	$\pm 1.0\%$	200mV	91.0%
HLN-80H-42 <input type="checkbox"/>	42V, 0~1.95A	$\pm 1.0\%$	200mV	91.0%
HLN-80H-48 <input type="checkbox"/>	48V, 0~1.70A	$\pm 1.0\%$	200mV	91.0%
HLN-80H-54 <input type="checkbox"/>	54V, 0~1.50A	$\pm 1.0\%$	200mV	91.0%

= A or B

► 3 in 1 Dimming Control

