

96W Single Output LED Power Supply



193x 62.5x 40.5 mm

- Universal AC input (up to 295VAC)
- Protections:
 - Short circuit / Overload / Over voltage / Over temperature
- Built-in active PFC function
- IP66 design
- Cooling by free air convection
- Suitable for LED lighting and moving sign applications
- Suitable for dry, damp, wet location and outdoor applications
- 3 years warranty

AC input voltage range 90~295VAC; 127~417VDC

AC inrush current Cold start, 60A at 230VAC

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

Current adjustment range.... 75%~100% rated output current

Overload protection 95%~110% constant current, auto-recovery

Over voltage protection 110%~135% shut off, re-power on to recover

Setup time 3000ms 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 UL8750, TUV EN61347-1, EN61347-2-13 approved

EMC standards EN55015, EN61000-3-2 Class C,
EN61000-4-2,3,4,5,6,8,11, ENV50204, EN61547

Model No.	Output	Tol.	R&N	Effi.
CEN-100-20	20V, 0~4.8A	$\pm 10\%$	2.0V	88%
CEN-100-24	24V, 0~4.0A	$\pm 10\%$	2.7V	89%
CEN-100-30	30V, 0~3.2A	$\pm 10\%$	3.0V	90%
CEN-100-36	36V, 0~2.65A	$\pm 10\%$	3.6V	90%
CEN-100-42	42V, 0~2.28A	$\pm 10\%$	4.0V	90%
CEN-100-48	48V, 0~2.0A	$\pm 10\%$	4.6V	91%
CEN-100-54	54V, 0~1.77A	$\pm 10\%$	5.0V	91%