

60W, 75W Single Output LED Power Supply

- Universal AC input (up to 295VAC)
- Protections: Short circuit / Overload / Over voltage / Over temperature
- Built-in active PFC function, PF>0.9 for 75% of load or higher
- 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, 45A 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%~140% shut off, re-power on to recovery
 Setup time 1400ms 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~+70°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
 Packing 0.56Kg ; 24pcs / 14.4Kg / 1.11CUFT

❖ CEN-60 series

Model No.	Output	Tol.	R&N	Effi.
CEN-60-12	12V, 0~5.0A	$\pm 10\%$	2.0V	86%
CEN-60-15	15V, 0~4.0A	$\pm 10\%$	2.4V	87%
CEN-60-20	20V, 0~3.0A	$\pm 10\%$	1.8V	88%
CEN-60-24	24V, 0~2.5A	$\pm 10\%$	2.4V	89%
CEN-60-30	30V, 0~2.0A	$\pm 10\%$	3.0V	90%
CEN-60-36	36V, 0~1.7A	$\pm 10\%$	3.6V	90%
CEN-60-42	42V, 0~1.45A	$\pm 10\%$	4.0V	90%
CEN-60-48	48V, 0~1.3A	$\pm 10\%$	4.6V	91%
CEN-60-54	54V, 0~1.15A	$\pm 10\%$	5.0V	91%

❖ CEN-75 series

Model No.	Output	Tol.	R&N	Effi.
CEN-75-15	15V, 0~5.0A	$\pm 10\%$	2.7V	87%
CEN-75-20	20V, 0~3.75A	$\pm 10\%$	2.0V	88%
CEN-75-24	24V, 0~3.15A	$\pm 10\%$	2.7V	89%
CEN-75-30	30V, 0~2.5A	$\pm 10\%$	3.0V	90%
CEN-75-36	36V, 0~2.1A	$\pm 10\%$	3.6V	90%
CEN-75-42	42V, 0~1.8A	$\pm 10\%$	4.0V	90%
CEN-75-48	48V, 0~1.57A	$\pm 10\%$	4.6V	91%
CEN-75-54	54V, 0~1.4A	$\pm 10\%$	5.0V	91%

96W Single Output LED Power Supply



- 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°C~+70°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%

150W U-Bracket Single Output LED Power Supply



- Universal AC input / Full range (up to 305VAC)
- Built-in active PFC compliance to EN61000-3-2 class C
- Protections: Short circuit / Overload / Over voltage / Over temperature
- Cooling by free air convection
- U-bracket low profile: 33mm
- 3 years warranty

AC input voltage range 90~305VAC; 127~431VDC
 AC inrush current Cold start, 65A at 230VAC
 Overload protection 130%~170% hiccup mode, auto-recovery
 Over voltage protection 110%~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: 1.5kVAC, O/P-FG: 0.5kVAC
 Working temperature -40°C~+70°C (refer to output derating curve)
 Safety standards Design refer to UL8750, UL60950-1, TUV EN60950-1, EN61347-1, EN61347-2-13
 EMC standards EN55015, EN55022 class B, EN61000-3-2 Class C, EN61547, ENV50204, EN61000-4-2,3,4,5,6,8,11

Model No.	Output	Tol.	R&N	Effi.
ULP-150-12	12V, 0~12.5A	$\pm 2\%$	100mV	91.5%
ULP-150-15	15V, 0~10.0A	$\pm 2\%$	100mV	91.5%
ULP-150-24	24V, 0~6.30A	$\pm 2\%$	150mV	93.0%
ULP-150-36	36V, 0~4.20A	$\pm 2\%$	200mV	93.0%
ULP-150-48	48V, 0~3.20A	$\pm 2\%$	200mV	93.0%



We provide specification, drawing, test report and more information, please visit our website —

<http://www.meanwell.com>