

40W, 60W Single Output Class 2 with PFC

- Universal AC input (up to 305VAC)
- Protections: Short circuit / Overload / Over voltage / Over temperature
- Built-in active PFC function
- High efficiency up to 91%
- Fully isolated plastic case
- Built-in 3 in 1 dimming function (1~10VDC, PWM signal or resistance) for LPF-40D/60D
- Fully encapsulated with IP67 level
- Cooling by free air convection
- Suitable for LED lighting and moving sign applications
- Suitable for dry, damp location
- 3 years warranty

UL / CUL / TUV / CB / CE pending



AC input voltage range 90~305VAC; 127~431VDC
 AC inrush current Cold start, 75A at 230VAC
 Overload protection 95% ~108% constant current, auto-recovery
 Over voltage protection 110%~140% shut off, re-power on to recovery
 Withstand voltage I/P - O/P: 3kVAC
 Working temperature -30°C~+70°C (refer to output derating curve)
 Setup, rise, hold up time 1000ms, 80ms, 12ms at full load and 230VAC
 Safety standards Design refer to UL8750, TUV EN61347-1, EN61347-2-13
 EMC standards Design refer to EN55015, EN61547, EN61000-3-2
 Class C, EN61000-3-3, EN55022 Class B,
 EN61000-4-2,3,4,5,6,8,11, ENV50204

❖ LPF-40 series

Model No.	Output	Tol.	R&N	Effi.
LPF-40□-12	12V, 0~3.34A	±2.5%	150mV	84%
LPF-40□-15	15V, 0~2.67A	±2.0%	150mV	85%
LPF-40□-20	20V, 0~2.00A	±1.0%	150mV	86%
LPF-40□-24	24V, 0~1.67A	±1.0%	150mV	87%
LPF-40□-30	30V, 0~1.34A	±1.0%	200mV	88%
LPF-40□-36	36V, 0~1.12A	±1.0%	250mV	88%
LPF-40□-42	42V, 0~0.96A	±1.0%	250mV	89%
LPF-40□-48	48V, 0~0.84A	±1.0%	250mV	90%
LPF-40□-54	54V, 0~0.76A	±1.0%	350mV	90%

□ = Blank, D ; Blank: without dimming function , D: with dimming function

❖ LPF-60 series

Model No.	Output	Tol.	R&N	Effi.
LPF-60□-12	12V, 0~5.00A	±2.5%	150mV	86%
LPF-60□-15	15V, 0~4.00A	±2.0%	150mV	87%
LPF-60□-20	20V, 0~3.00A	±1.0%	150mV	88%
LPF-60□-24	24V, 0~2.50A	±1.0%	150mV	89%
LPF-60□-30	30V, 0~2.00A	±1.0%	200mV	90%
LPF-60□-36	36V, 0~1.67A	±1.0%	250mV	90%
LPF-60□-42	42V, 0~1.43A	±1.0%	250mV	91%
LPF-60□-48	48V, 0~1.25A	±1.0%	250mV	91%
LPF-60□-54	54V, 0~1.12A	±1.0%	350mV	91%

□ = Blank, D ; Blank: without dimming function , D: with dimming function