

FLB050

50Watts Single Output AC-DC LED Driver DeskTop Type

FEATURES

- ◆ Suitable for LED lighting and moving sign applications
- ◆ Anywhere output voltage 11~48VDC
- ◆ **CC mode for LED driver**

SPECIFICATIONS

Input Voltage Range..... 90~264VAC
 Input Current (rms).....1.5A Max.
 Max. Power.....50W
 Withstand Voltage.....I/P-O/P: 3000 VAC
 Operating Temperature..... -10°C ~ +50°C
 Storage Temperature..... -20°C ~ +70°C
 Operating Humidity..... 20% to 90% RH
 Overload protectionOutput rated current $\pm 5\%$,
 constant current limiting, auto-recovery
 Protections.....OVP, Short Circuit Protection
 Safety Standard.....IEC/UL/EN60950-1, CE, CB
 EMC Standard.....(EN55022, CISPR22, FCC Part 15) Class B,
 EN61000-3-2, 3, EN61000-4-2, 3, 4, 5, 6, 8, 11, EN55024
 Standard output connector.....DC barrel jack
 Standard output cable / length.....UL1185 / 4Ft.
 Packing/Dimension..... 32pcs / 11.02kgs / 45x41x18 cm

All Specifications are Typical at Nominal Line, full Load and 25°C.
 Unless Otherwise Noted.



Order Number	Output Voltage (VDC)	Workable Voltage Range (VDC)	Output Current (mA)	LED Numbers (series)
FLB050-S24-z-DF	24	17.5~24.5	1400	7
FLB050-S30-z-CF	31.5	22.5~31.5	1050	9
FLB050-S36-z-CF	35	25~35	1050	10
FLB050-S46-z-BF	45.5	32.5~45.5	700	13
FLB050-S48-z-BF	48	36~49	700	14

Order Number: FLB050-z-xy

* Note 1: z = AC Inlet Type Code

z = 4, IEC320 C14 / z = 6, IEC320 C6 / z = 8, IEC320 C8

* Note 2: x = Output current

x = A, 350mA / x = B, 700mA / x = C, 1050mA / x = D, 1400mA

* Note 3: y = AC input voltage range, 90~264VAC

* Please note that FLB-xx is order number while FRA-xx is model number, all safety approvals of FLBxx are identical to FRAxx.

MECHANICAL DRAWING (Unit: mm)

