

# FLB024

S E R I E S

LED Power

## 12 ~ 24 Watts Single Output AC-DC LED Driver WallMount & DeskTop Type

### FEATURES

- ◆ Suitable for LED lighting and moving sign applications
- ◆ Anywhere output voltage 3~50VDC
- ◆ **CC mode for LED driver**



### SPECIFICATIONS

Input Voltage Range.....110(90~132), 230(180~264)VAC  
 Input Current (rms).....0.7A Max.  
 Output Voltage.....3~50VDC  
 Max. Power..... 24W  
 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 protection .....Output rated current  $\pm 7\%$ ,  
 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.....UL2468 / 5 Ft.  
 Packing/Dimension.....  
 FLB024(4/6/8).....48pcs / 8.78kgs / 45x41x18cm  
 FLB024(A/B/C/E/U).....60pcs / 10.7kgs / 45x40x24cm

| Order Number    | Output Voltage (VDC) | Workable Voltage Range (VDC) | Output Current (mA) | LED Numbers (series) |
|-----------------|----------------------|------------------------------|---------------------|----------------------|
| FLB024-S09-z-Dy | 10.5                 | 7.5 ~ 10.5                   | 1400                | 3                    |
| FLB024-S15-z-Cy | 14                   | 10 ~ 14                      | 1050                | 4                    |
| FLB024-S21-z-By | 21                   | 15 ~ 21                      | 700                 | 6                    |
| FLB024-S24-z-By | 24.5                 | 17.5 ~ 24.5                  | 700                 | 7                    |
| FLB024-S39-z-Ay | 38.5                 | 27.5 ~ 38.5                  | 350                 | 11                   |
| FLB024-S42-z-Ay | 42                   | 30 ~ 42                      | 350                 | 12                   |
| FLB024-S46-z-Ay | 45.5                 | 32.5 ~ 45.5                  | 350                 | 13                   |
| FLB024-S48-z-Ay | 49                   | 36 ~ 49                      | 350                 | 14                   |

| z | Wall Mount Plug | z | Desk Top AC Inlet |
|---|-----------------|---|-------------------|
| U | US plug         | 4 | IEC320 C14        |
| E | EU plug         | 6 | IEC320 C6         |
| B | British plug    | 8 | IEC320 C8         |
| A | Australian plug | C | China Plug        |

Order Number: FLB024-z-xy

\* Note 1: z = AC Inlet Type Code

\* Note 2: x = Output current

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

\* Note 3: y = AC input voltage range.

y = L, 90~132VAC / y= H, 180~264VAC

\* 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)

