

## 80 Watts Single Output with PFC Function - Metallic Case Enclosed Type

### FEATURES

- ♦ Universal Input, Cooling by free air convection
- ♦ IP00 or IP67 design for indoor or outdoor installations
- ♦ Suitable for LED lighting and moving sign applications
- ♦ Built-in active PFC function, PF>0.9 for 75% load or higher
- ♦ Suitable for dry, damp, wet location and outdoor applications
- ♦ **Built-in C.C. mode function (optional)**
- ♦ 2 years warranty



 TUV / CE Pending

### SPECIFICATIONS

Input Voltage.....90~277VAC; 127~392VDC  
 Input Frequency.....47~63Hz  
 Input Current.....1.5A max.  
 Inrush Current.....40A max.(Cold start)  
 Turn On, Rise, Hold Up Time.....3Sec, 100ms, 10ms at 110VAC  
 Output voltage..... Anywhere output 15 ~ 55VDC  
 Load Regulation..... ±5% max.  
 Dielectric Withstand.....I/P - O/P: 3750VAC, I/P - FG: 1880VAC  
 O/P-FG: 500VAC  
 Operating Temperature..... - 20°C to +60°C  
 (Derating linearly from 100% load at 50°C to 75% load at 60 °C)  
 Storage Temperature..... -40°C to +85°C  
 Protections.....OTP, OCP, OVP, Short Circuit  
 Overload Protections.....110%~125%Constant Current limiting,  
 Auto-recovery  
 Safety Standard.....TUV EN61347-1, EN61347-2-13  
 EMC Standard.....EN55015, EN55022 Class B, EN61000-3-2,3,  
 EN61000-4-2,3,4,5,6,8,11, EN61547  
 Standard output cable.....UL rated, 18-14# AWG

Model Number	Output Voltage (VDC)	Output Current (A)	R&N Max. (mV)	EFF %	Output Max. Watts
FLA080-S18-AL x	15~21	5.33~3.8	150	86	80W
FLA080-S24-AL x	21~29	3.8~2.75	150	87	80W
FLA080-S30-AL x	29~33	2.75~2.42	150	87	80W
FLA080-S36-AL x	33~37	2.42~2.16	150	87	80W
FLA080-S42-AL x	37~45	2.16~1.77	150	87	80W
FLA080-S48-AL x	45~55	1.77~1.45	150	87	80W

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

Note: x= 0 or 7, for IP00 or IP67.

### MECHANICAL DRAWING (mm)

