

80 ~ 100 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
- ♦ **UL7750 (UL1310 Class 2) design**
- ♦ **Built-in C.C. mode function (optional)**
- ♦ 2 years warranty

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 11~55VDC
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 at50°C to 75% load at 60 °C)
Storage Temperature.....	-40°C to +85°C
Protections.....	OTP, OCP, OVP, Short Circuit
Overload Protections.....	95%~102% Constant Current limiting, Auto-recovery
Safety Standard.....	UL7750 (UL1310 Class 2) 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

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



LED Power

TUV / UL / CUL / CE Pending

Model Number	Output Voltage (VDC)	Output Max. Current(A)	Output Max. Watts	UL	TUV
FLA100-S12-ALx	11-13	7.27	80W		v
FLA100-S15-ALx	13-15	6.15	80W		v
FLA100-S150-ALx	15	5	75W	v	v
FLA100-S18-ALx	15-21	6	90W		v
FLA100-S200-ALx	20	4.8	96W	v	v
FLA100-S24-ALx	21-29	4.57	96W		v
FLA100-S240-ALx	24	4	96W	v	v
FLA100-S30-ALx	29-33	3.31	96W		v
FLA100-S300-ALx	30	3.2	96W	v	v
FLA100-S36-ALx	33-37	2.91	96W		v
FLA100-S360-ALx	36	2.66	96W	v	v
FLA100-S42-ALx	37-45	2.59	96W		v
FLA100-S480-ALx	48	2	96W	v	v
FLA100-S48-ALx	45-55	2.13	96W		v
FLA100-S550-ALx	55	1.74	96W	v	v

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

MECHANICAL DRAWING (mm)

