



**Electronic Alliance**

## 750W Single Output

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Product feature:

- 1.65” Low Profile, High Power Density
- Universal Input : 90 ~ 264Vac
- Active PFC Meets EN61000-3-2
- EMI Meets CISPR/FCC Class B High Efficiency over 91% Typical
- Remote Voltage Sense
- Fan Speed Control with Temperature
- +5V Stand-by output
- DC OK Signal (Power Good, Logic High)
- PS ON/OFF Remote Control
- Size:280mmx101.5mmx41.9mm(Dimensions tolerance:±1mm)



#### Specifications:

AC input voltage range :	90~264V AC
Input frequency :	47~63HZ
Inrush Current:	50A Max.
EMI :	CISPR/FCC Class B
Isolation :	Input to output = 3000Vdc
Leakage Current :	3.5mA max
Total Rated Output Power :	750W
Hold-up Time :	20mS typ
Operating Temperature :	-10~65°C
Storage Temperature :	-40~85°C
Weight :	1.64Kg

Model	Output Voltage	Output Current (A)		Voltage Accuracy*2	Line Reg. *3	Voltage Adj.range	Load Reg.*4	Efficiency
		Rated	Min.					
ESFG-750-12	+12V	62.5	0	±2.0%	±0.5%	11.4~13.2	±1%	TBD
ESFG-750-15	+15V	50	0	±2.0%	±0.5%	14.3~16.5	±1%	TBD
ESFG-750-24	+24V	31.2	0	±2.0%	±0.5%	22.8~26.4	±1%	TBD
ESFG-750-36	+36V	20.8	0	±2.0%	±0.5%	34.2~39.6	±1%	92%
ESFG-750-48	+48V	15.6	0	±2.0%	±0.5%	45.6~52.8	±1%	92%
Standby Output Voltage								
All	+5.0V	1	0	±2.0%	----	----		



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Typical @25°C, 230Vac and 60%  
rated load, unless otherwise specified

**DRAWINGS: (Preliminary)**

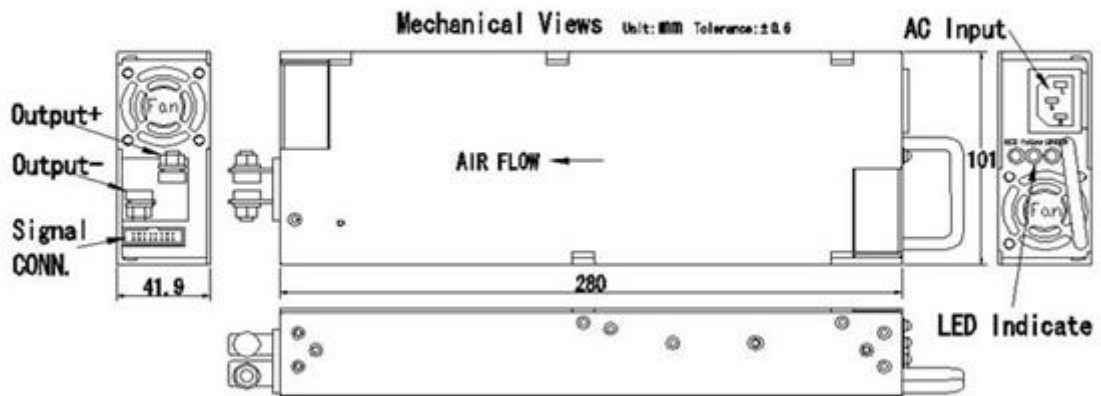


Fig1. Mechanical Outline.

Signal Pin Assignment.

PIN CONNECTION			
1	RS-	9	ENABLE
2	ACOK	10	I2C-SDA(NC)
3	+5VSB	11	GROUND
4	ADRO(NC)	12	TRIM
5	OTPW	13	PGOOD
6	GROUND	14	+5VSB
7	I2C-SCL(NC)	15	IShare(NC)
8	ADRI(NC)	16	RS+

Note: Current Share/I2C Communication not available now

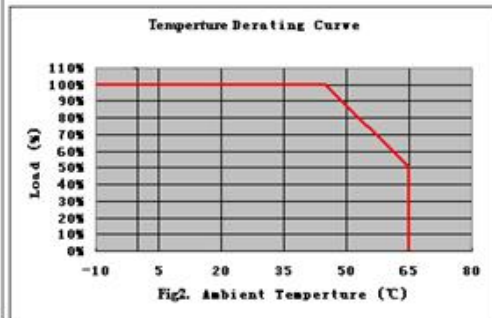


Fig2. Ambient Temperature (°C)

LED Indicators

Power Supply Condition	AC LED	PWGOD LED	Fail LED
	(Green)	(Green)	(Red)
No AC power to PSU	OFF	OFF	OFF
Power supply DC outputs ON and OK	ON	ON	OFF
AC OK, Power supply failure	ON	OFF	ON

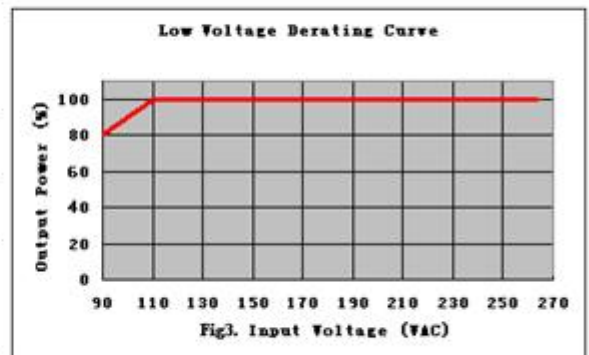


Fig3. Input Voltage (VAC)