



Electronic Alliance

350W Single Output (U-Bracket)



350W Single Output (U-bracket)

Product feature:

- Universal Input : 90 ~ 264Vac
 - Active PFC Meets EN61000-3-2
 - Conductive EMI Meets CISPR/FCC Class B
 - High Efficiency at 90% Typical
 - Protections: Short circuit/Over load/Over voltage/Over temperature
 - Free air convection for 300W and 350W with 23.5CFM forced air.
 - Remote Voltage Sense
 - U-bracket low profile: 38mm
 -
- Size(L*W*H):235.2mmx101.5mmx38mm
- 3 years warranty

Specifications:	
AC input voltage range:	90~264V AC
Input frequency:	47~63HZ
Inrush Current:	44A Max
EMI:	CISPR/FCC Class B
Isolation:	I/P-O/P: 3KVAC I/P-FG:1.5KVAC
Leakage Current:	2mA max
Total Rated Output Power:	300W (convection) 350W (23.5CFM FAN)
Hold-up Time:	16mS typ
Operating Temperature:	-10~65°C
Storage Temperature:	-40~85°C
Weight:	1Kg

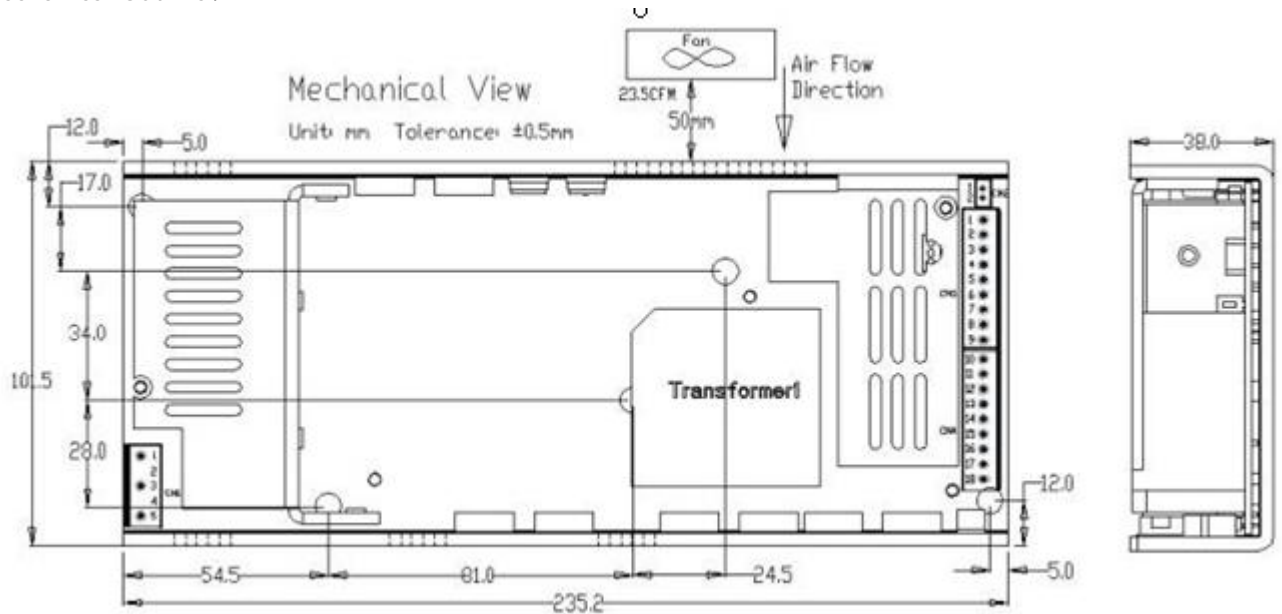


Electronic Alliance

350W Single Output (U-Bracket)

Model	Output Voltage	Output Current		Ripple & Noise	Tol.	Line Reg.	Load Reg.
		Rated (convection)	Rated (23.5CFM FAN)				
ESFG-350-3.3	+3.3V	50A	70A	80mVp-p	±2%	±0.5%	±2%
ESFG-350-5	+5V	50A	70A	80mVp-p	±2%	±0.5%	±2%
ESFG-350-12	+12V	25A	29.2A	100mVp-p	±2%	±0.5%	±1%
ESFG-350-15	+15V	20A	23.4A	100mVp-p	±2%	±0.5%	±1%
ESFG-350-24	+24V	12.5A	14.6A	150mVp-p	±2%	±0.5%	±1%
ESFG-350-36	+36V	8.3A	9.7A	150mVp-p	±2%	±0.5%	±1%
ESFG-350-48	+48V	6.25A	7.3A	150mVp-p	±2%	±0.5%	±1%

Mechanical Outline:





350W Single Output (U-Bracket)

Connectors Definition

AC

Input Connector (CN1): JST B5P-VH or equivalent

Pin No.	Assignment	Mating Housing	Terminal
1	FG	JST VHR or equivalent	JST SVH-21 T-P1.1 or equivalent
2,4	No Pin		
3	AC/N		
5	AC/L		

DC

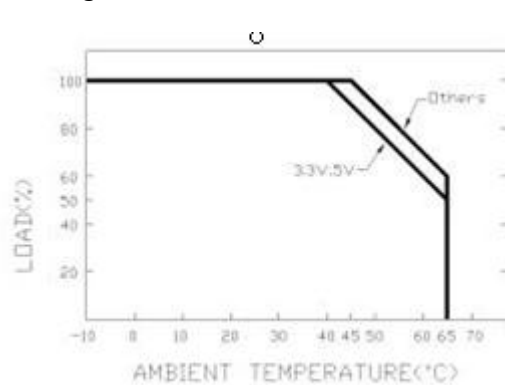
Output Connector (CN3, CN4): JST B9P-VH or equivalent

Pin No.	Assignment	Mating Housing	Terminal
1-9	-V	JST VHR or equivalent	JST SVH-21 T-P1.1 or equivalent
10-18	+V		

Remote Sense (CN2)

Pin No.	Assignment
1	RS+
2	RS-

Derating Curve



Static Characteristics (5V)

