

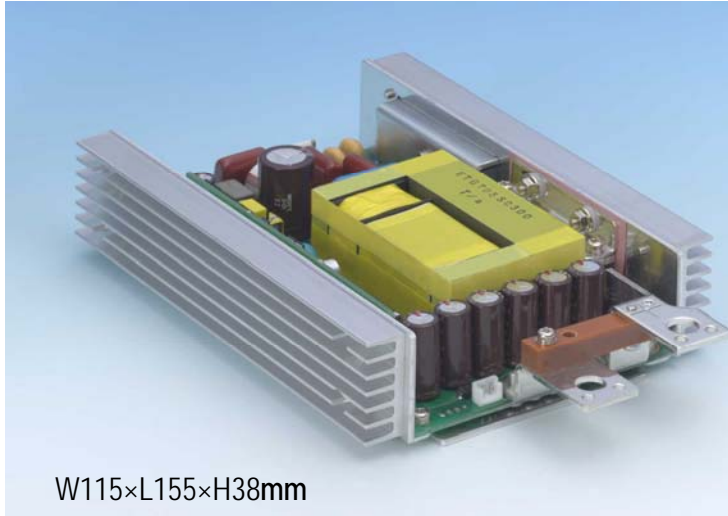


ETA-USA

HIGH QUALITY SWITCHING POWER SUPPLIES

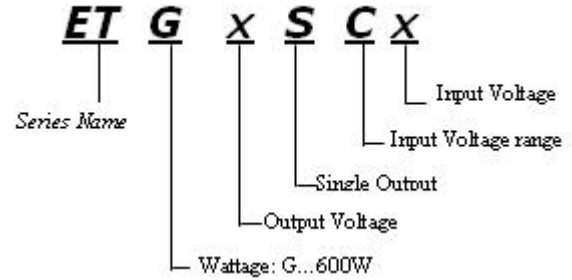
DC/DC SWITCHING POWER SUPPLY
DC INPUT 300
SINGLE OUTPUT
600 WATTS

ETG SERIES



W115×L155×H38mm

General Description



Features

1. Light weight, compact size
2. High efficiency, high reliability
3. Over voltage and over current protection

DC INPUT: 300V

Input Characteristics	Unit	Models				
		ETF3.3SC300	ETF05SC300	ETF12SC300	ETF15SC300	ETF24SC300
Input Voltage	Vdc	DC300V				
Input Voltage Range *1	vdc	DC200-400V				
Input Current	A	1.05				
MTBF	H	205,000 Min. (by EIAJ RCR-9102)				
EFFICIENCY (typ.) *1	%	95%				

Output Characteristics	Unit	Models	
		ETG05SC300	
Output Voltage	Vdc	5	
Output Current	A	120	
Voltage Adjust Range	V	Rated Output Voltage×(0.9~1.1)	
Ripple and Noise (max.)	mV	150	
Regulation			
a. Statistic Line Regulation (max.)	mV	40	
b. Statistic Load Regulation (mx.)	mV	45	
c. Temperature Coefficient	%/°C	1.5mV/C(centigrade)	
d. Drift	mV	40	
f. Recovery Time	mS	20[mS]Typ.(output current change 25% to 75%)	
Rise up time	mS	500mS(maximum) at 25C and rated input/output	
Hold up time	mS	Not specified	





ETA-USA

HIGH QUALITY SWITCHING POWER SUPPLIES

Function/Protection	
Over current Protection	Built In (Latch type)
Over voltage Protection	Built In (Latch type)
Remote Sense	Available
Remote Control	Available
Power Fail	Not Available
Power Factor Correction	Not Available
Environmental Specification	
Operating Temperature	-10 to +50°C (at 100% load)
Operating Humidity	20-90%/RH (non-condensing)
Storage Temperature	-20 to +85°C
Storage Humidity	20 to 90%/RH
Withstanding Voltage	Primary-Secondary AC3000V 1minute (Sens Current 10[mA]) Primary-Frame Ground AC2000V 1minute (Sens Current 10[mA]) Secondary-Frame Ground AC1000V 1minute (Sens Current 20[mA])
Isolation Resistance	P-S-FG 100[MΩ]Min. DC500[V]
Vibration	5-10Hz: 10mm double amplitude, 10-55Hz: 19.6m/s ² , each along X, Y, Z axes (non-operating)
Shock	30G
Cooling	Convection
Environmental Agencies	
SAFETY (Will be approved)	UL : UL60950 C-UL: CSA C22.2 No.950 VDE TUV
Mechanical Specification	
Dimension [mm]	115(W) x155 (D) x38 (H) mm (Not include output terminal)
Weight (typical)	810g

*1 at Rated Input and Rated Output

*2 at Output current quick change 25% to 75%



ETA USA

16170 Vineyard Blvd. Suite 180, Morgan Hill, CA 95037
Phone: 1-800-ETA-POWER, (408) 778-2793 Fax: (408) 779-2753

Visit us at: www.eta-usa.com
email at: sales@eta-usa.com