

- Power The World with Highest Efficiency

ATX-0260GA



Features

- **600W Output, Active PFC**
- **Protections:** OVP, OPP, SCP, OTP
- **Reliability:** MTBF 100,000 hrs @ 25°C, Full Load
- **Efficiency:** 80% @ 115Vac, Full Load
- **Safety Approval:** cUL, NEMKO, CB, CCC, BSMI
- **Warranty:** 1-year manufacturer



Input Specification					
Parameter	Conditions/Description	Min.	Normal	Max.	Units
Input Voltage Range	Universal Input	103	115-240	264	V(ac)
Input Frequency Range		47	60/50	63	Hz
Input Current	Measured at 90 Vac / 264 Vac input, full load output		10/5		A
Inrush Current	Measured at 50A@115Vrms /100A@ 230Vac (25°C ambient temperature, cold start).				A
Efficiency	Measured at 115 Vac or 230Vac , Full Load		80		%

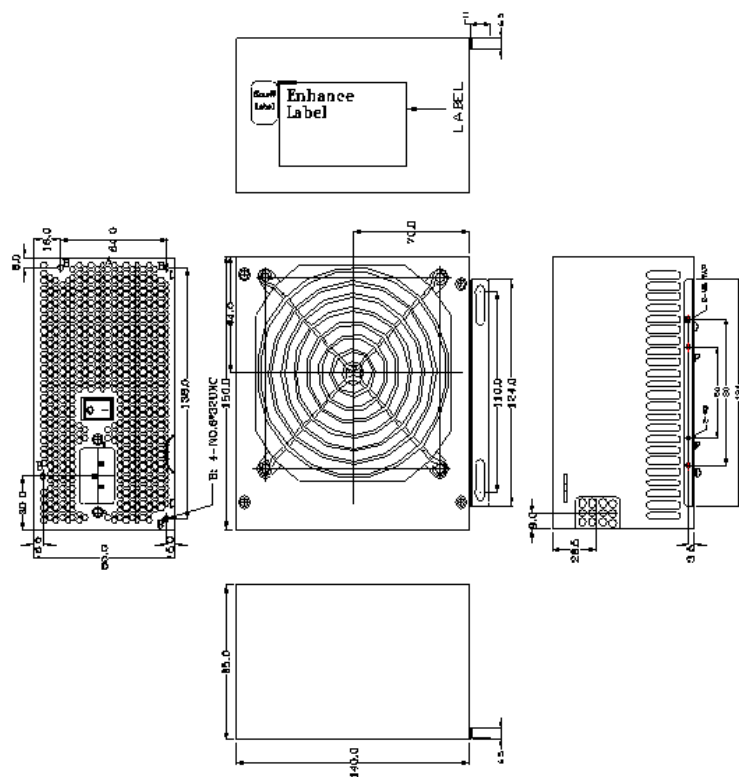
Output Specification										
Parameter	Conditions/Description	Voltage Regulation			Ripple Noise	Output Current (Amps)				Units
		Range	Min. (V)	Max. (V)	(mVp-p)	Min.	Normal	Max.	Peak	
+3.3VDC		+/-5%	3.14	3.47	50	0.1	-	24	-	
+5VDC		+/-5%	4.75	5.25	50	0.2	-	24	-	
+12V1DC		+/-5%	11.4	12.6	120	0.1	-	30	-	
+12V2DC		+/-5%	11.4	12.6	120	0.5	-	30	-	
-12VDC		+/-10%	-10.8	-13.2	120	0	-	0.3	-	
+5VSB		+/-5%	4.75	5.25	50	0	-	2.5	3.5	
Voltage Hold-Up Time	Measured at 115Vac/60Hz or 230Vac/50Hz/100% load after power source removed.					17				mSec
Output Rise Time								10		mSec
Total Combined Output of +3.3V and +5V can not exceed 140W.										
Total Combined Output of +12V1 & +12V2 can not exceed 500W.										

Environmental Specification					
Parameter	Conditions/Description	Min.	Normal	Max.	Units
MTBF	Calculated via MIL-HDBK-217F @ 25°C ambient temperature , Full load, 110 Vac	100,000			Hours
Operating Temperature	Full load	0		40	°C
Storage Temperature		-40		70	°C
Relative Humidity	Non-Condensing	20		85	%
Dimension	Length x Width x Height	150 x 140 x 86/5.9 x 5.5 x 3.38			mm / inch
Cooling Fan	12VDC	120			mm
ROHS	European Directive 2002/95/EC				

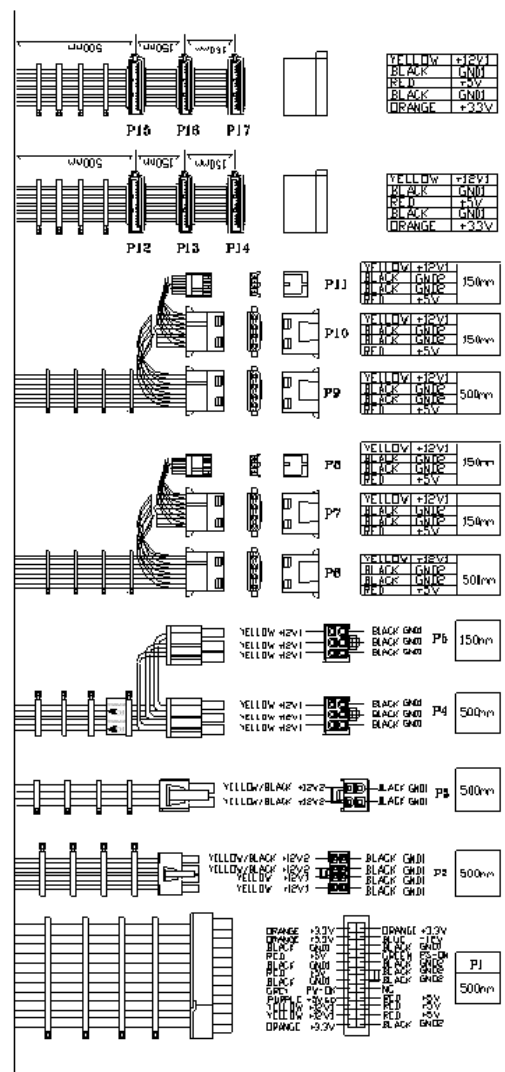
Reliability Protection		
Parameter	Conditions/Description	Recovery Mode
Overload	Transit to current limit mode if output over 110% - 160%	Shut Down Output, Auto recover once reset AC power-on by user
Over Voltage		Shut Down Output, Auto recover once reset AC power-on by user
Short Circuit		Shut Down Output, Auto Recover once faults conditions removed
Over Temperature		Shut Down Output, Auto Recover once faults conditions removed

Safety & EMC Compliance		
Category	Standard	Comment
SAFETY	cUL, NEMKO, CB, CCC, BSMI	Approved
EMI Conduction & Radiation		Compliance
Harmonic Current Emissions		EN61000-3-2 Compliance
EMS Immunity	Voltage Fluctuation	EN61000-3-3 Compliance
	Electrostatic Discharge (ESD)	EN61000-4-2 Compliance
	Radiated Susceptibility	EN61000-4-3 Compliance
	Fast Transients / Burst - EFT	EN61000-4-4 Compliance
	Input Line Surge Immunity	EN61000-4-5 Compliance
	Conducted Susceptibility	EN61000-4-6 Compliance
	Power Frequency Magnetic Field	EN61000-4-8 Compliance
	Voltage Dips	EN61000-4-11 Compliance

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P1	Molex 39-01-2240 or equivalent
P2 CPU-VR Power	Molex 39-01-2080 or equivalent
P3 CPU-VR Power	Molex 39-01-2040 or equivalent
P4,P5 PCI-Exp VGA	Molex 45559-0002 or equivalent
P6, P7, P9, P10	Molex 8981-04P or equivalent
P8, P11	AMP 171822-4 or equivalent
P12, P13, P14 – SATA-1	Molex 88751 or equivalent
P15, P16, P17 – SATA-2	Molex 88751 or equivalent



Notes

- Datasheets are updated as needed and as such, specifications are subject to change without notice. Once printed or downloaded, datasheet are no longer controlled by Enhance Electronics, refer to <http://www.enhanceusa.com> for the most current product specifications.
- Product labels shown, including safety agency certifications on labels, may vary based on the date manufactured.
- Mechanical drawings (model No. ATX-0260GA) is for reference only. The cable wire configuration may vary from other custom designed models as picture showing. Please contact your sales representative for detail.
- Specifications are for reference only. All specifications are measured at an ambient temperature of 25°C, humidity 65%, 230Vac nominal input voltage and at rated output load unless otherwise specified.