



an EnerSys® company

APX3-G Series

Non-Standby Power Supply



Standard Outdoor



Vented Indoor

- Indoor and outdoor applications
- Complete line conditioning provides regulated, clean and reliable power
- Universal bracket allows for pole or wall mounting
- Current limited output and short circuit protection

The Alpha® APX3-G Series is designed for communication networks that require compact, non-standby power supplies.

The Alpha APX3-G's ferroresonant design provides fully regulated output voltage, surge and short circuit protection. Alpha offers mesh cover models for indoor use and standard cover models for outdoor use in 8 and 15 Amp transformer configurations.

Alpha® APX3-G Series Specifications

Model:	APX3-608G	APX3-615G
Nominal		
Input Voltage:	220/230VAC	220/230VAC
Input Frequency:	50Hz ±3%	50Hz ±3%
Output Voltage:	63/48VAC	63/48VAC
Output Current:	8A	15A
Maximum Output Power:	504VA	945VA
Input Fuse Protection (Breaker):	10A	10A
Electrical		
Input Power Factor:	>0.90 at full load	
Input Voltage Range:	176 to 276VAC	
Output Waveform:	Quasi-square wave	
Output Voltage Regulation:	59.9 to 66.2VAC / 45.6 to 50.4VAC	59.0 to 66.2VAC / 45.6 to 50.4VAC
Output Efficiency:	87% or better	90% or better
Mechanical		
Weight (kg/lbs):	12.5 / 27.5	15 / 33
Dimensions W × H × D (mm/in):	333 × 170 × 240 / 13.11 × 6.69 × 9.45	
Finish:	Front Cover: Durable powder coat Chassis Parts: Conversion coat	
Material:	Aluminum	
Audible Noise:	Standard Outdoor Configuration: <45dBA Vented Indoor Configuration: <43dBA	
Environment		
Operating Temperature Range (Standard Outdoor):	Agency Compliance: -40 to 40°C Design Limit: -40 to 50°C	
Operating Temperature Range (Vented Indoor):	Agency Compliance: -40 to 55°C Design Limit: -40 to 60°C	
Humidity:	0 to 95% non-condensing	

Note: Other voltages and configurations may be available. For more information, contact your local Alpha® sales representative.

Standard Features
<ul style="list-style-type: none"> ☑ Universal bracket (pole or wall mount) ☑ Pre-looped wire for output current measurements ☑ Input circuit breaker ☑ Visual output indicator light ☑ Output coaxial connector ☑ Ground connection ☑ Input cable gland (input wiring) ☑ 1 year warranty (all models)

Agency Compliance
Safety: <ul style="list-style-type: none"> ☑ IEC 62368-1 Annex Y.5.2 (3R test)* ☑ IEC 62368-1 Ed 3 (CB, CE, UKCA)
EMI/EMC: <ul style="list-style-type: none"> ☑ IEC 61000-3-2 Limits for harmonic current emissions ☑ IEC 61000-3-3 Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems ☑ 3kA input short circuit interrupt ☑ 6kV combination wave surge withstand per IEEE C62.41
RoHS: RoHS directive 2011/65/EU compliant

*For outdoor (-21) models only.



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