



America

CERTIFICATE

No. U8V 034962 0313 Rev. 01

Holder of Certificate: **SynQor Inc.**
155 Swanson Road
Boxborough MA 01719-1316
USA

Certification Mark:



Product: Audio/Video, Information and Communication technology equipment
AC to DC Switching Power Supply

This product was voluntarily tested to the relevant safety requirements referenced on this certificate. It can be marked with the certification mark above. The mark must not be altered in any way. This product certification system operated by TÜV SÜD America Inc. most closely resembles system 3 as defined in ISO/IEC 17067. Certification is based on the TÜV SÜD "Testing and Certification Regulations". TÜV SÜD America Inc. is an OSHA recognized NRTL and a Standards Council of Canada accredited Certification body.

Test report no.: 72167125-100

Date, 2021-12-15

(William J. Stinson)



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Model(s): ACuQor Series

Brand Name: SynQor

Tested according to: CAN/CSA-C22.2 No. 62368-1-2014
 UL 62368-1:2014
 EN 62368-1:2014/A11:2017

Parameters:	Rated Input Voltage:	100-240 VAC
	Rated Frequency:	50/60 Hz
	Rated Input Current:	4 A, 5 A, 6 A (E-Series) 10 A, 13 A, 16 A (G-Series)
	Rated Output Power:	300 W, 400 W, 500 W (E-Series) 800 W, 1100 W, 1400 W (G-Series)
	Protection Class:	I
	Degree of Protection:	IPX0

License Conditions:

1. The maximum base plate temperature for the 1400 W G-series is 50°C
2. The maximum base plate temperature for the 500 W E-series is 40°C
3. The units must be provided with a proper electrical, mechanical and fire enclosure.



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Part number nomenclature

AQ	0400	I	U	48	E	C	IND
I	II	III	IV	V	VI	VII	VII

I	Family	AQ - AcuQor Series
II	OutputPower	0300 - 300 W 0400 - 400 W 0500 - 500 W (Encased only)
III	Grade	I = Industrial
IV	Input voltage	U = 100 - 240 VAC
V	Output voltage	12 = 12 Vdc 1T = 12 Vdc, 5 Vdc, 12 Vdc _{stand-by} 24 = 24 Vdc 2T = 24 Vdc, 5 Vdc, 12 Vdc _{stand-by} 36 = 36 Vdc 3T = 36 Vdc, 5 Vdc, 12 Vdc _{stand-by} 48 = 48 Vdc 4T = 48 Vdc, 5 Vdc, 12 Vdc _{stand-by}
VI	Package	E = 3" x 5" x 1.25'
VII	Thermal Design	A = open frame C = encased
VIII	Options	IND = Industrial or other Non-safety critical options

Typical model number

Model Number	Input voltage (Vac)	Input current (A)	Input frequency (Hz)	Output voltage 1 (Vdc)	Output current 1 (A) max	Output voltage 2 (Vdc)	Output Current 2 (A) max	Output voltage 3 (Vdc)	Output Current 3 (A) max	Output power (W) max
AQ0400XU1TE	100-240	5	50/60	12	34	5	2	12	4.2	400
AQ0400XU24E	100-240	5	50/60	24	17	-	-	-	-	400
AQ0300XU24E	100-240	4	50/60	24	12.5	-	-	-	-	300
AQ0400XU48E	100-240	5	50/60	48	8.5	-	-	-	-	400
AQ0300XU48E	100-240	4	50/60	48	6.25	-	-	-	-	300
AQ0400XU36E	100-240	5	50/60	36	11.2	-	-	-	-	400
AQ0300XU36E	100-240	4	50/60	36	8.4	-	-	-	-	300



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Part Number Nomenclature (Industrial)

AQ	1400	I	U	12	G	C	IND
I	II	III	IV	V	VI	VII	VIII

- I Product AQ- ACuQor Series
- II Output Power 0800 = 800 Watts
1100 = 1100 Watts
1400 = 1400 Watts
- III Grade I = Industrial
- IV Input Range U = Universal 100-240 VAC
- V Output Voltage Two digits denoting output voltage in volts

12 = 12 Vdc minimum
56 = 56 Vdc maximum
- VI Package Type G = 1 Unit 5" X 7"
- VII Thermal Design C = Encased
- VIII Options Suffix letters and/or numbers denoting non-

safety-critical options such as but not limited to:

IND = Industrial
INP = Parallel