



America

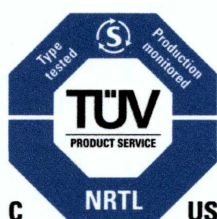
CERTIFICATE

No. U8V 11 04 34962 115

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

Production Facility(ies): 34962

Certification Mark:



Product: **Power supply**
AC to DC Switching Power Supply

Model(s): **ACuQor Series**
(See attachment for nomenclature information.)

Parameters:

Rated Input Voltage:	100-240 V AC
Rated Frequency:	50/60 Hz
Rated Input Current:	5 A, 5 A, 6 A, 10 A, 13 A, 16 A
Rated Output Power:	300 W, 400 W, 500 W, 800 W, 1100 W, 1400 W
Protection Class:	I

(See attachment for additional rating information.)

Tested according to: CAN/CSA-C22.2 No. 60950-1:2007
 UL 60950-1:2007
 EN 60950-1/A1:2010

The product was voluntarily tested according to the relevant safety requirements and mentioned properties. It can be marked with the certification mark shown above. The certification mark must not be altered in any way. This product certification system operated by TÜV SÜD America Inc. most closely resembles that described by ISO/IEC Guide 67, Conformity assessment - Fundamentals of product certification, System 3. See also notes overleaf.

Test report no.: 090-1009819-000

Date, 2011-05-02

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Attachment to Certificate U8V 11 04 34962 115



SynQor Inc.
155 Swanson Road
Boxborough, MA 01719-1316

Part number nomenclature

<u>AQ</u> I	<u>0400</u> II	<u>I</u> III	<u>U</u> IV	<u>48</u> V	<u>E</u> VI	<u>C</u> VII	<u>IND</u> VIII
<u>I</u>	<u>Family</u>	AQ-AcuQor Series					
<u>II</u>	<u>Output Power</u>	0300 - 300 W 0400 - 400 W 0500 - 500 W (Encased only)					
<u>III</u>	<u>Grade</u>	I = Industrial					
<u>IV</u>	<u>Input voltage</u>	U=100-240 Vac					
<u>V</u>	<u>Output voltage</u>	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}					
<u>VI</u>	<u>Package</u>	E = 3" x 5" x 1.25"					
<u>VII</u>	<u>Thermal Design</u>	A = open frame C = encased					
<u>VIII</u>	<u>Options</u>	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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America

SynQor Inc.
 155 Swanson Road
 Boxborough, MA 01719-1316

Part Number Nomenclature (Industrial)

<u>AQ</u>	<u>1400</u>	<u>I</u>	<u>U</u>	<u>12</u>	<u>G</u>	<u>C</u>	<u>IND</u>
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

License conditions:

1. The output of the power supply is considered to be at hazardous energy level
2. The maximum base plate temperature for the 1400 W G-series is 50°C
3. The units must be provide with a proper electrical, mechanical and fire enclosure

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