



America

# CERTIFICATE

No. U8V 17 07 34962 278

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

**Production Facility(ies):** 34962

**Certification Mark:**



**Product:** **Medical power supplies**  
**AC to DC and DC to DC Power Supplies**

**Model(s):** **AcuQor E-Series**  
**(see certificate attachment for additional models, ratings and License Conditions.)**

**Parameters:**

Rated Input Voltage:	100-240 V AC; 110-180 V DC
Rated Input Frequency:	50/60 Hz; N/A
Type of Protection:	Class I (against Electric Shock)
Ingress of Liquids:	IPX0
Mode of Operation:	Continuous

**Tested according to:** UL 60601-1:2003  
CAN/CSA-C22.2 No. 601.1-M90  
The risk management requirements of the following standards were not addressed:  
ANSI/AAMI ES60601-1:2005/A1:2012  
CAN/CSA-C22.2 NO. 60601-1:2014-03

The product was voluntarily tested according to the relevant safety requirements noted above. 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.:** 090-1306534-300

**Date,** 2017-07-14

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Model Number	Input Voltage (Vac)	Input Current (A)	Input Frequency (Hz)	Output Voltage (Vdc)	Output Current (A)	Output Power (W)
AQ0500MU12Exyyy	100-240	6	50/60	12	42	500
AQ0500MU1TExyyy	100-240	6	50/60	12/5/12	42	500
AQ0400MU12Exyyy	100-240	5	50/60	12	34	400
AQ0400MU1TExyyy	100-240	5	50/60	12/5/12	34	400
AQ0300MU12Exyyy	100-240	4	50/60	12	25	300
AQ0300MU1TExyyy	100-240	4	50/60	12/5/12	25	300
AQ0500MU24Exyyy	100-240	6	50/60	24	21	500
AQ0500MU2TExyyy	100-240	6	50/60	24/5/12	21	500
AQ0400MU24Exyyy	100-240	5	50/60	24	17	400
AQ0400MU2TExyyy	100-240	5	50/60	24/5/12	17	400
AQ0300MU24Exyyy	100-240	4	50/60	24	12.5	300
AQ0300MU2TExyyy	100-240	4	50/60	24/5/12	12.5	300
AQ0500MU48Exyyy	100-240	6	50/60	48	10.5	500
AQ0500MU4TExyyy	100-240	6	50/60	48/5/12	10.5	500
AQ0400MU48Exyyy	100-240	5	50/60	48	8.5	400
AQ0400MU4TExyyy	100-240	5	50/60	48/5/12	8.5	400
AQ0300MU48Exyyy	100-240	4	50/60	48	6.25	300
AQ0300MU4TExyyy	100-240	4	50/60	48/5/12	6.25	300
AQ0500MU36Exyyy	100-240	6	50/60	36	14	500
AQ0500MU3TExyyy	100-240	6	50/60	36/5/12	14	500
AQ0400MU36Exyyy	100-240	5	50/60	36	11.2	400
AQ0400MU3TExyyy	100-240	5	50/60	36/5/12	11.2	400
AQ0300MU36Exyyy	100-240	4	50/60	36	8.4	300
AQ0300MU3TExyyy	100-240	4	50/60	36/5/12	8.4	300
CQ0110100-Gxyyy	100-240	5	50/60	48/5/12	8.5	400
AQ0400MU12Exyyy-DC	110-180 VDC, 100-240 VAC	5	50/60	12	33.4	400
AQ0400MU24Exyyy-DC	110-180 VDC, 100-240 VAC	5	50/60	24	16.7	400
AQ0400MU48Exyyy-DC	110-180 VDC, 100-240 VAC	5	50/60	48	8.4	400
AQ0500M412Exyyy	100-240	6	50/60	12	42	500
AQ0500M41TExyyy	100-240	6	50/60	12/5/12	42	500
AQ0400M412Exyyy	100-240	5	50/60	12	34	400
AQ0400M41TExyyy	100-240	5	50/60	12/5/12	34	400
AQ0300M412Exyyy	100-240	4	50/60	12	25	300
AQ0300M41TExyyy	100-240	4	50/60	12/5/12	25	300
AQ0500M424Exyyy	100-240	6	50/60	24	21	500
AQ0500M42TExyyy	100-240	6	50/60	24/5/12	21	500
AQ0400M424Exyyy	100-240	5	50/60	24	17	400
AQ0400M42TExyyy	100-240	5	50/60	24/5/12	17	400
AQ0300M424Exyyy	100-240	4	50/60	24	12.5	300
AQ0300M42TExyyy	100-240	4	50/60	24/5/12	12.5	300

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Model Number	Input Voltage (Vac)	Input Current (A)	Input Frequency (Hz)	Output Voltage (Vdc)	Output Current (A)	Output Power (W)
AQ0500M448Exyyy	100-240	6	50/60	48	10.5	500
AQ0500M44TExyyy	100-240	6	50/60	48/5/12	10.5	500
AQ0400M448Exyyy	100-240	5	50/60	48	8.5	400
AQ0400M44TExyyy	100-240	5	50/60	48/5/12	8.5	400
AQ0300M448Exyyy	100-240	4	50/60	48	6.25	300
AQ0300M44TExyyy	100-240	4	50/60	48/5/12	6.25	300
AQ0500M436Exyyy	100-240	6	50/60	36	14	500
AQ0500M43TExyyy	100-240	6	50/60	36/5/12	14	500
AQ0400M436Exyyy	100-240	5	50/60	36	11.2	400
AQ0400M43TExyyy	100-240	5	50/60	36/5/12	11.2	400
AQ0300M436Exyyy	100-240	4	50/60	36	8.4	300
AQ0300M43TExyyy	100-240	4	50/60	36/5/12	8.4	300

AQ0400M412Exyyy-DC	110-180 VDC, 100-240 VAC	5	50/60	12	33.4	400
AQ0400M424Exyyy-DC	110-180 VDC, 100-240 VAC	5	50/60	24	16.7	400
AQ0400M448Exyyy-DC	110-180 VDC, 100-240 VAC	5	50/60	48	8.4	400

xyyy Options

Package options: x)

A = open frame, C = encased

Output options: yyy)

BF = BF isolation rating

CF = CF isolation rating

CFD = isolation rating defibrillator protected

**License Conditions:**

1. The power supplies are intended to provide Double or Reinforced insulation between input and output.
2. Compliance with EMC requirements needs to be evaluated for the end use product.
3. The power supply was evaluated in an open ambient environment. Compliance with the requirements of clause 11 and 13 must be evaluated when installed in the end use equipment.
4. This product is investigated only for use as a component in equipment where the suitability of the combination is subject to end product investigation.
5. The suitability of the enclosure is subject to end product investigation
6. The power supply must be installed in accordance with the installation instructions and data sheet
7. The risk management requirements of the standard have not been addressed.

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