



Product Service

# CERTIFICATE

No. B 07 07 34962 036

**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 Converter**

**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 or 4A
Rated Output Power:	400 W or 300 W
Protection Class:	I

See attachment for rating information.

**Tested according to:** EN 60950-1:2001

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. The certification mark must not be altered in any way. See also notes overleaf.

**Test report no.:** 090-704825-000

**Date,** 2007-07-16

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Product Service

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

AQ      0400      M      U      48      E      A      BF  
I          II          III      IV      V          VI      VII      VIII

I      Family                      AQ – AcuQor Series

II     OutputPower              0300 - 300 W  
   0400 - 400 W

III    Grade                        M = Medical  
   I = Industrial

IV    Input voltage                U= 100-240 Vac

V     Output voltage                24 = 24 Vdc  
   48 = 48 Vdc

VI    Package                        E = 3"x5"x1.25'

VII   Thermal Design              A = open frame  
   C = encased

VIII Options                        BF = BF isolation rating  
   BFD = BFD isolation rating  
   defibrillator proof  
   CF = CF isolation rating  
   CFD = CFD isolation rating  
   defibrillator proof

Model Number	Input voltage (Vac)	Input current (A)	Input frequency (Hz)	Output voltage (Vdc)	Output current (A)	Output power (W)
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

**License Condition:**

1. The output of the power supply is considered to be at a hazardous energy level.



Product Service

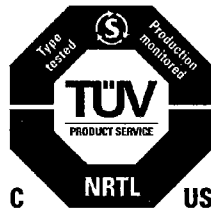
# CERTIFICATE

No. U8V 07 07 34962 034

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

**Production Facility(ies):** 34962

**Certification Mark:**



**Product:** Medical power supplies

**Model(s):** AcuQor Series  
 See attachment for Models

**Parameters:** Technical Specifications:

Rated Input Voltage	100-240V
Rated Frequency	50/60Hz
Rated Input Current	See attachment
Rated Output Voltage	See attachment
Rated Output Current	See attachment
Protection Class	Class I
Degree of Protection	N/A

**Tested according to:** UL 60601-1:2003  
 CAN/CSA C22.2 No. 601.1-M90  
 IEC 60601-1/A2:1995  
 EN 60601-1/A2:1995

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. See also notes overleaf.

**Test report no.:** DM704858

**Date,** 2007-08-07

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Product Service

Attachment for Certificate no U8V 07 07 34962 034  
 Dated 2007-07-07

Company: **SynQor Inc**  
**155 Swanson Road**  
**Boxborough**  
**MA 01719**  
**USA**

Models: **Model AcuQor series of power supplies**

Model Number	Input voltage (Vac)	Input current (A)	Input frequency (Hz)	Output voltage (Vdc)	Output current (A)	Output power (W)
AQ0400MU24E	100-240	5	50/60	24	17	400
AQ0300MU24E	100-240	4	50/60	24	12.5	300
AQ0400MU48E	100-240	5	50/60	48	8.5	400
AQ0300MU48E	100-240	4	50/60	48	6.25	300
AQ0400MU36E	100-240	5	50/60	36	11.2	400
AQ0300MU36E	100-240	4	50/60	36	8.4	300

**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 clauses 42 and 52 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

