

ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ CERTIFICADO ◆ CERTIFICAT



# CERTIFICATE

No. U8V 034962 0297 Rev. 01

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

**Certification Mark:**



**Product:** Information Technology Equipment  
Power Factor Correction Module

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.:** 72112038-200

**Date,** 2020-02-21

( William J. Stinson )





America

# CERTIFICATE

No. U8V 034962 0297 Rev. 01

## Part Number Nomenclature Half Brick

PFC	U	390	H	P	C	07	S	RS	G
I	II	III	IV	V	VI	VII	VIII	IX	X

- I Product PFC – PFCQor Series
- II Input Voltage U = 85-264 Vrms, Output 700 Watts max, 1400 LFM
- III Output Voltage 3 Numbers denoting output voltage in volts  
390 = 390 Vdc
- IV Package Size H = Half Brick
- V Performance level P = Peta  
T = Tera
- VI Thermal design Options include but are not limited to:  
C = Encased  
V = Encased with Flanged Baseplate
- VII Output Power 2 Numbers denoting output power in hundreds of watts  
07 = 700W maximum
- VIII Input Phases S: Single-Phase
- IX Options Non safety options such as, but not limited to, pin length, single or parallelable unit
- X 6/6 RoHS G = 6/6 RoHS Compliance

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America

# CERTIFICATE

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## Part Number Nomenclature Quarter Brick

PFC	U	390	Q	P	C	04	S	RS	G
I	II	III	IV	V	VI	VII	VIII	IX	X

- I Product PFC – PFCQor Series
- II Input Voltage U = 85-264 Vrms, Output 350 Watts max, 1400 LFM
- III Output Voltage 3 Numbers denoting output voltage in volts  
390 = 390 Vdc
- IV Package Size Q = Quarter Brick
- V Performance level P = Peta
- VI Thermal design Options include but are not limited to:  
C = Encased  
V = Encased with Flanged Baseplate
- VII Output Power 2 Numbers denoting output power in hundreds of watts  
04 = 350W maximum
- VIII Input Phases S: Single-Phase
- IX Options Non safety options such as, but not limited to, pin length, single or parallelable unit
- X 6/6 RoHS G = 6/6 RoHS Compliance

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America

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No. U8V 034962 0297 Rev. 01

## Part Number Nomenclature Half Brick

MPFIC	U	12	H	T	F	S
I	II	III	IV	V	VI	VII

- I Product MPFIC MIL-COTS Isolated PFC Series
- II Input Voltage U = 85-264Vrms Output 325 Watts max
- III Output Voltage 2 Numbers denoting output voltage in volts  
12 = 12 Vdc minimum  
48 = 48 Vdc maximum
- IV Package Size H = Half Brick
- V Performance Level T = Tera
- VI Thermal Design Options include but not limited to:  
N = Encased  
D = Encased with Non-threaded Baseplate  
F = Encased with Flanged Baseplate
- VII Screening Level Burn-in duration, Etc (non-safety related)

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No. U8V 034962 0297 Rev. 01

## Part Number Nomenclature Half Brick

PFIC	U	12	H	T	C	27	N	R	S	G
I	II	III	IV	V	VI	VII	VIII	IX	X	XI

- I Product MPFIC MIL-COTS Isolated PFC Series
- II Input Voltage U = 85-264Vrms Output 325 Watts max
- III Output Voltage 2 Numbers denoting output voltage in Volts  
12 = 12 Vdc minimum  
48 = 48 Vdc maximum
- IV Package Size H = Half Brick
- V Performance Level T = Tera
- VI Thermal Design Options include but not limited to:  
C = Encased  
D = Encased with Non-threaded Baseplate  
V = Encased with Flanged Baseplate
- VII Output Current 2 Numbers denoting output current in Amps  
  
07 = 7 Adc minimum  
27 = 27 Adc maximum
- VIII On/Off Logic Negative Enable
- IX Pin Length 0.180"
- X Features S = Standard  
D = Droop Share
- XI RoHS 6/6 RoHS Compliant

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America

# CERTIFICATE

No. U8V 034962 0297 Rev. 01

## Part Number Nomenclature Half Bricks

APFIC	U	55	R	H	M	C	G
I	II	III	IV	V	VI	VII	VIII

- I Product AeroQor Isolated PFC Series
- II Input Voltage U = 85-264Vrms
- III Output Voltage 2 Numbers denoting output voltage in Volts (325 W)  
12 = 12 Vdc  
55 = 55 Vdc
- IV Output Regulation R = Regulated Output  
D = Droop Sharing
- V Package Size H = Half Brick
- VI Performance Series M = Mega  
T = Tera
- VII Thermal Design C = Encased  
D = Encased with Non-threaded Baseplate  
V = Encased with Flanged Baseplate
- VIII RoHS G = 6/6 RoHS

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