



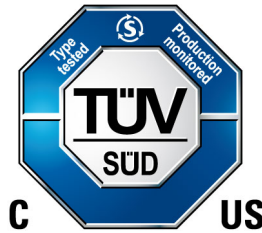
America

CERTIFICATE

No. U10 034962 0353 Rev. 00

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

Certification Mark:



Product: Audio/Video, Information and Communication technology equipment
 Isolated Power Factor Correction Module

Tested according to: CSA C22.2 No. 62368-1:2019/U1:2021-10
 UL 62368-1:2019/R:2021-10

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. The certificate holder shall not transfer this certificate to third parties. 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, Certification, Validation and Verification Regulations (TCVVR)". For Canadian standards TÜV SÜD America Inc. is accredited by the Standards Council of Canada to ISO/IEC 17065.

Test report no.: 72194385-000

Date, 2024-10-16

(William J. Stinson)



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Model(s): MPFIC-U-xx-HT
 APFIC-U-xx-HT
 (see nomenclature table)

Brand Name(s): SynQor

Parameters:

Rated Input Voltage:	85-264 Vrms
Rated Frequency:	47-63 Hz 360-800 Hz
Rated Output Power:	325 W
Degree of Protection:	IPX0

License Conditions:

1. The maximum baseplate temperature is 100°C
2. Abnormal testing was performed with an external 5 A 250 V fact acting fuse



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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)

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 325 W max
III	Output Voltage	2 Numbers denoting output voltage in Volts 12 = 12 Vdc 55 = 55 Vdc
IV	Output Regulation	R = Regulated Output D = Droop Sharing
V	Package Size	H = Half Brick
VI	Performance Series	T = Tera
VII	Thermal Design	C = Encased D = Encased with Non-threaded Baseplate V = Encased with Flanged Baseplate
VIII	RoHS	G = 6/6 RoHS