



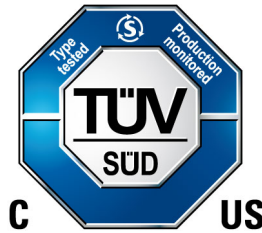
America

# CERTIFICATE

No. U10 034962 0343 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  
 DC to DC Converter

**Tested according to:** CSA C22.2 No. 62368-1:2019  
 UL 62368-1:2019

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 and Certification Regulations". For Canadian standards TÜV SÜD America Inc. is accredited by the Standards Council of Canada to ISO/IEC 17065.

**Test report no.:** 72191533-000

**Date,** 2023-09-28

( William J. Stinson )



America

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**Model(s):** VPX-3U-DCTH-001-SN2  
(see model nomenclature for additional information)

**Brand Name(s):** SynQor

**Parameters:**  
Rated Input Voltage: 18-40 VAC  
Rated Output Power: 500W max (6 outputs)  
Protection Class: III  
Degree of Protection: IPX0

### Part Number Nomenclature

VPX	-3U	-DC28	P	-001	-xxx
I	II	III	IV	V	VI

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I	Product	VPX – VPX Power Supplies
II	Package Size	3U
III	Input Range	DC28 = 28 VDC
IV	Mil Std Filtering	P = P - MIL-STD-704 (B-F) T = T - MIL-STD-704 A TH = Input Transient Protection, Extended Holdup Time MIL-STD-1275 (B, D) DEF-STAN 61-5 (P6)/6
V	Output Voltage	Combination Code Three to five characters denote non safety critical options such as, but not limited to output voltage combinations, current sharing, etc.
VI	Options	Three characters that denote non safety critical options such as, but not limited to, screening level, conformal coating, etc

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## VPX3UDC28 P001 xxx

### Outputs

VS1:	+12V @ 40A = 480W
VS2:	+3.3V @ 20A = 66W
VS3:	+5.0V @ 30A = 150W
(AUX) +3.3VAUX @ 6A = 20W	
(AUX) +12VAUX @ 1A = 12W	
(AUX) -12VAUX @ 1A = 12W	
Maximum Total Output Power: 500 W	

## VPX3UDC28 TH001 xxx

### Outputs:

VS1:	+12V @ 40A = 480W
VS2:	+3.3V @ 20A = 66W
VS3:	+5.0V @ 30A = 200W
(AUX) +3.3VAUX @ 6A = 20W	
(AUX) +12VAUX @ 1A = 12W	
(AUX) -12VAUX @ 1A = 12W	
Maximum Total Output Power: 500W	

### License Conditions:

1. If the input is considered ES1 then the outputs are considered ES1.
2. The maximum baseplate temperature is 85°C measured at the card edge.
3. Proper fire and electrical enclosures must be provided in the end system.