



America

CERTIFICATE

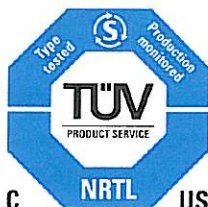
No. U8V 10 06 21477 028

Holder of Certificate: Westcor Corporation

560 Oakmead Parkway
Sunnyvale CA 94085-4022
USA

Production Facility(ies): 21477, 16555

Certification Mark:



Product: Power supplies
Switching Power Supply

Model(s): MP4-54501-EL (4 kW/3 Phase MegaPAC Series)
(See attachment for model differences)

Parameters:

Rated Input Voltage:	200-240 V AC or 208/230 V AC 3 phase or 300 V DC
Rated Frequency:	47-500 HZ,DC
Rated Input Current:	20 A Max. per phase
Rated Output Voltage:	0-95 V DC
Rated Output Power:	4000 W Max / 1500 W max (see attachment for license conditions)

Tested according to: CAN/CSA-C22.2 No. 60950-1:2007
UL 60950-1:2007
EN 60950-1/A1:2010

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. This product certification system operated by TÜV SÜD America Inc. most closely resembles that described by ISO/IEC Guide 67, Conformity assessment - Fundamentals of product certification, System 3. See also notes overleaf.

Test report no.: 090-1005692-000

Date, 2010-06-22

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Attachment to Certificate Number U8V 10 06 21477 028

Company: Westcor Corporation
 560 Oakmead Parkway
 Sunnyvale, CA 94085



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4kW / 3Phase MegaPAC Series: **Model Mpaa-zbbcccccc-dd-v-xx**
 (Mp may be replaced by IMp)

Item 0. **MegaPAC Type**

z = 4 for 4KW MegaPAC
 z = 5 for 3 PH MegaPAC

Item 1. **Module Configuration**

p = P when populated with 1st Gen Vicor Modules or FlexPACs
 p = X when populated with any combination of 1st and 2nd Gen Vicor Modules or FlexPACs

Item 2. **Number of Outputs**

aa = any number 0 - 40

Item 3. **Number of Modules & FlexPACs**

bb = any number 0 – 20

Item 4. **Factory assigned Code** (Optional, non-safety related)

cccccc = any alphanumeric combination of up to 6 characters

Item 5. **Module slot identification Code** (Optional, non-safety related)

dd = any alphanumeric combination of up to 2 characters

Item 6. **MegaPAC configuration Revision** (Optional, non-safety related)

v = any alphanumeric character or blank (note: v = G for RoHs)

Item 7. **MegaPAC chassis description** (Optional, non-safety related)

xx = any alphanumeric combination
 (note: xx = EL for extended length)
 (note: xx = LL for low leakage)
 (note: xx = MI for Mil COTs)

Example: MP4-54501-EL

M = M (constant, MegaPAC series)
 P = P (unit populated with 1st Gen Vicor Modules or FlexPACs)
 4 = Four (number of outputs)
 5 = 3 Phase (MegaPAC type)
 4501 = factory assigned code
 EL = extended length chassis

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License Conditions:

1. The MegaPAC is designed for building-in and must be installed in accordance with the manufacturer's instructions.
2. The maximum baseplate temperature of the 1st Gen VI-200 and BatMod Modules is 85 °C.
3. The maximum baseplate temperature of the 1st Gen VI-J and 2nd Gen FasTrak Modules are 100 °C.
4. The maximum case temperature of FlexPAC is 50C °C.
5. Series or single output voltages less than 60 Vdc meet the requirements of SELV.
6. Series or single output voltages above 60 Vdc are non-SELV and should be considered hazardous secondary.
7. Exception to condions 5 & 6, VI-J single or series outputs are limited to less than 40 Vdc to be considered SELV.
8. Outputs greater than 240 VA should be considered hazardous energy.
9. An external fuse, Bussmann ABC-20, rated 250V / 20A was used during fault testing.

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