

CERTIFICATE

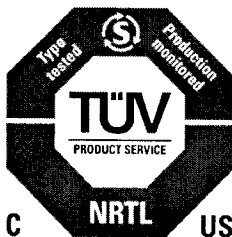
No. U8V 03 09 30564 010



Holder of Certificate: Mission Power Solutions

4168 Avenida de la Plata #105
Oceanside, CA 92056-6030
USA

Certification Mark:

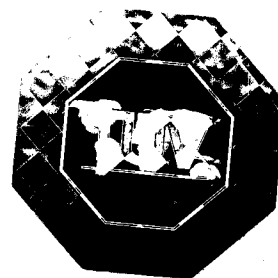


Product: Power supply

DC-DC Switching Power Supply

The product was voluntarily tested according to the relevant safety requirements and mentioned properties. It can be marked with the certification mark shown above. See also notes overleaf.

Test report no.: DI304201-101



Date, 2003-09-16

A handwritten signature in black ink, appearing to read "Joel Johnson".

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CERTIFICATE
No. U8V 03 09 30564 010

Model(s): MD-aa-Xbbcc (DC MegaPAC Series)
(See attachment 1 for model differences
and license conditions)

Parameters:

Rated Input Voltage:	48 V DC
Rated Input Current:	100 A
Rated Output Voltage:	SELV
Rated Output Power:	1600 W

Tested according to: CSA-C22.2 No. 60950-00
UL 60950 3rd Edition 2000
EN 60950:2000

Production Facility(ies): 30564

Company: Mission Power Solutions
4168 Avenida de la Plata #105
Oceanside, CA 92056-6030 USA



Model: MD-aa-Xbbcc
DC MegaPAC Family Tree

aa	Number of outputs 0-16	X	Input Voltage (v dc)			Max (A)	
			Nominal	Range			
			0 = 12	10-20	@		100 A max
			1 = 24	21-32	@		100 A max
			W = 24	18-36	@		100 A max
			2 = 36	21-56	@		100 A max
	3 = 48	42-60	@	100 A max			

bb Number of Modules
0-16

cc Factory assigned at time of order
(see items 5.6.7)

Available Product Grade

C = Commercial -20C to 85C
I = Industrial -40C to 85C
M = Military -55C to 85C
E = Economy 0C to 85C

Available ModuPAC's

M = Standard ModuPAC (1 Module)
D = DualPAC (2 Modules)
R = RamPAC (2 Modules)
T = TachoPAB (1 Module)
B = BatPAC (1 Module)

Item 7. Available ModuPAC Combinations

Nominal		Max (A)	Max (W)
Z = 2v	@	40A	80 W
Y = 3.3v	@	40A	132W
0 = 5v	@	40A	200W
X = 5.2v	@	38.5A	200W
W = 5.5v	@	36.4A	200W
V = 5.8v	@	34.5A	200W
T = 6.5v	@	30.8A	200W
R = 7.5v	@	26.6A	200W
M = 10vd	@	20A	200W
1 = 12v	@	16.7A	200W
P = 13.8v	@	14.5A	200W
2 = 15v	@	13.3A	200W
N = 18.5v	@	10.8A	200W
3 = 24v	@	8.3A	200W
L = 28v	@	7.1A	200W
J = 36v	@	5.6A	200W
K = 40v	@	5A	200W
4 = 48v	@	4.2A	200W



License Conditions:

1. Protection against electric shock and hazardous energy levels must be provided in final enclosure.
2. The unit must be properly grounded with the appropriately rated ground wire prior to applying voltage.
3. The unit requires a European approved, 2 pole disconnected device in the input wiring.
4. The unit is to be mounted per the manufacturers mounting instructions.
5. The unit is to be mounted in a final enclosure that must fulfill all the fire enclosure requirements of this standard.
6. The unit requires a 50 A fuse in the primary circuitry.
7. Outputs ≤ 60 Vdc meet the requirements of SELV, Outputs > 60 Vdc are non-SELV.

John John 9/18/07