

MILLENNIUM POWER SYSTEMS

MPS-Power.com (877) 645-5797

4 OUTPUT AC-DC POWER SUPPLY
SEALED – BASE PLATE COOLED
800W COMBINED OUTPUT POWER

Part Number
1P4CH-1

AC-DC SUPPLY
4 DC OUTPUTS
90-264Vac INPUT



11 x 6 x 2 inches

Features

- Wide Range PFC Input
- 3 High Current Outputs
- High Efficiency
- Custom I/O W/ 5V Standby
- MIL EMI and Shock

Applicable Specifications

- IP67
- MIL-S-901
- MIL-STD-167
- MIL-STD-1399
- MIL-STD-810

Specifications (-40 to +85°C baseplate temperature)

SYM.	DESCRIPTION	VALUE	TOL.	NOTE (STD)
Vac	input voltage	100-240	±10%	normal
PF	power factor	.98	typ	>200W
Vdc ₁	output 1 capability	700W	max	(+12V/40A)
Vdc ₂	output 2 capability	300W	max	(+5V/40A)
Vdc ₃	output 3 capability	100W	max	(+3.3V/20A)
Vdc ₄	output 4 capability	30W	max	(-12V/1A)
P _{max}	combined output power	800W	max	normal
α	combined line/load regulation	1%	max	0-100% load
MTBF	MIL-HDBK-217F	100k hrs	min	Ns
DWV	input – output isolation	1500Vdc	min	-
Wt	weight (pounds)	10	max	-