

Open Frame

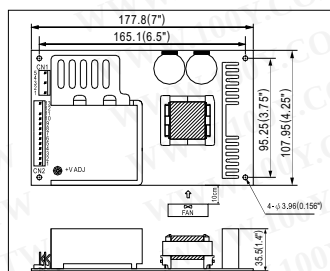
120 & 200W 1~4 Output Medical Type

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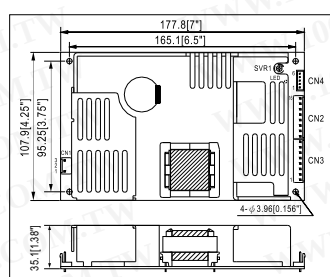
- Universal AC input / Full range
- PF > 0.95@230Vac (200W)
- Protections: Short circuit / Over load / Over voltage, OTP (200W)
- Leakage current ≤ 150μA (200W)
Leakage current ≤ 180μA (120W)
- Built-in remote sense and remote ON/OFF control (200W)
- PG / PF signal output (optional for 120W)
- Approvals: UL / CUL / TUV / CB / CE
- 80W / 140W free air convection, 120W / 200W with 25CFM forced air
- 100% full load burn-in test
- 3 years warranty



177.8x 108x 35.5 mm



177.8x 108x 35.1 mm



AC input voltage range 90~264VAC; 127~370VDC
 AC inrush current Cold start, 35A at 115VAC, 60A at 230VAC
 DC adjustment range CH1: -5~+10% rated output voltage
 Over load protection 110~160% hiccup mode, auto-recovery
 Over voltage protection ... CH1: 115%~140% rated output voltage
 Leakage current Less than 150μA at 264VAC (180μA for 120W)
 Setup, rise, hold up time .. 1000ms, 20ms, 16ms at full load and 230VAC
 Withstand voltage I/P - O/P: 4KVAC, I/P - FG: 1.5KVAC, 1 minute
 Working temperature -20~70°C (refer to output derating curve)
 Safety standards UL2601-1, TUV EN60601-1, IEC601-1 approved, design refer to UL60950-1, TUV EN60950-1
 EMC standards EN55011/EN55022 class B, EN61000-4-2,3,4,5,6,8,11
 EN61000-3-2,3, EN60601-1-2, ENV50204
 Connection 5P,13P/ 3.96mm pitch, Molex 5273-05,5273-13 (120W)
 3P, 8Px2 / 3.96mm pitch, JST B3P / B8Px2-VH (200W)
 Packing 0.55kg ; 24pcs / 14.5kg / 1.04CUFT (120W)

Single output

Stock No.	Model No.	Output	Tol.	R&N	Effi.
12551	MPS-120-3.3	3.3V, 24A	±3%	80mV	68%
12552	MPS-120-5	5V, 22A	±3%	80mV	73%
12553	MPS-120-12	12V, 10A	±2%	100mV	77%
12554	MPS-120-15	15V, 8.0A	±2%	100mV	79%
12555	MPS-120-24	24V, 5.0A	±2%	120mV	81%
12556	MPS-120-48	48V, 2.5A	±2%	120mV	82%
12591	MPS-200-3.3	3.3V, 40A	±2%	80mV	70%
12592	MPS-200-5	5V, 40A	±2%	80mV	77%
12593	MPS-200-12	12V, 16.7A	±2%	100mV	80%
12594	MPS-200-15	15V, 13.4A	±2%	100mV	82%
12595	MPS-200-24	24V, 8.4A	±1%	150mV	83%
12596	MPS-200-48	48V, 4.2A	±1%	200mV	85%

Dual output

Stock No.	Model No.	Output	Tol.	R&N	Effi.	Max.
12561	MPD-120A	5V, 2.0~12A	±2%	80mV	75%	110W
		12V, 0.5~6.0A	±7%	120mV		
12562	MPD-120B	5V, 2.0~12A	±2%	80mV	76%	120W
		24V, 0.3~3.2A	±8%	250mV		

Dual output

12601	MPD-200A	5V, 4.0~24A	±2%	80mV	81%	196W
		12V, 0.8~9.6A	+8%, -5%	120mV		
12602	MPD-200B	5V, 4.0~24A	±2%	80mV	83%	196W
		24V, 0.4~4.8A	±6.5%	180mV		

Triple output

Stock No.	Model No.	Output	Tol.	R&N	Effi.	Max.
12571	MPT-120A	5V, 2.0~12A	±2%	80mV	72%	111W
		12V, 0.4~5.8A	+8%, -6%	120mV		
		-5V, 0.0~1.0A	±5%	80mV		
12572	MPT-120B	5V, 2.0~12A	±2%	80mV	73%	110W
		12V, 0.4~5.3A	±6%	120mV		
		-12V, 0.0~1.0A	±5%	80mV		
12573	MPT-120C	5V, 2.0~11A	±2%	80mV	72%	119W
		15V, 0.4~4.4A	+6%, -7%	150mV		
		-15V, 0.0~1.0A	±5%	80mV		
12574	MPT-120D	5V, 2.0~12A	±2%	80mV	74%	110W
		24V, 0.4~2.6A	+8%, -6%	300mV		
		12V, 0.0~1.0A	±5%	120mV		
12611	MPT-200A	5V, 4.0~24A	±2%	80mV	79%	200W
		12V, 0.8~9.0A	±8%	120mV		
		-5V, 0.0~2.4A	±5%	80mV		
12612	MPT-200B	5V, 4.0~24A	±2%	80mV	79%	196W
		12V, 0.6~7.2A	±8%	120mV		
		-12V, 0.0~2.4A	±5%	80mV		
12613	MPT-200C	5V, 4.0~24A	±2%	80mV	79%	201W
		15V, 0.5~5.6A	±8%	150mV		
		-15V, 0.0~2.4A	±5%	80mV		
12614	MPT-200D	5V, 4.0~24A	±2%	80mV	81%	196W
		24V, 0.3~3.6A	±8%	180mV		
		12V, 0.0~2.4A	±5%	80mV		

Quad output

Stock No.	Model No.	Output	Tol.	R&N	Effi.	Max.
12581	MPQ-120B	5V, 2.0~11A	±2%	80mV	71%	111W
		12V, 0.5~5.0A	±6%	120mV		
		-5V, 0.0~1.0A	±5%	80mV		
		-12V, 0.0~1.0A	±5%	80mV		
12582	MPQ-120C	5V, 2.0~11A	±2%	80mV	71%	110W
		15V, 0.5~3.8A	+6%, -7%	150mV		
		-5V, 0.0~1.0A	±5%	80mV		
		-15V, 0.0~1.0A	±5%	80mV		
12583	MPQ-120D	5V, 2.0~11A	±2%	80mV	74%	120W
		12V, 0.2~1.1A	+8%, -6%	150mV		
		24V, 0.3~2.3A	±8%	300mV		
		-12V, 0.0~1.0A	±5%	80mV		
12584	MPQ-120E	5V, 2.0~11A	±2%	80mV	73%	109W
		12V, 0.5~3.3A	±6%	120mV		
		15V, 0.0~1.0A	±8%	80mV		
		24V, 0.0~1.0A	±5%	80mV		
12621	MPQ-200B	5V, 3.0~18A	±2%	80mV	78%	193W
		12V, 0.7~8.4A	±8%	120mV		
		-5V, 0.0~2.4A	±5%	80mV		
		-12V, 0.0~2.4A	±5%	80mV		
12622	MPQ-200C	5V, 3.0~18A	±2%	80mV	77%	190W
		15V, 0.5~6.0A	±6%	150mV		
		-5V, 0.0~2.4A	±5%	80mV		
		-15V, 0.0~2.4A	±5%	80mV		
12623	MPQ-200D	5V, 3.0~18A	±2%	80mV	79%	195W
		24V, 0.3~3.6A	±8%	180mV		
		12V, 0.0~2.4A	±5%	80mV		
		-12V, 0.0~2.4A	±5%	80mV		
12624	MPQ-200F	5V, 3.0~18A	±2%	80mV	81%	200W
		24V, 0.3~3.3A	±8%	180mV		
		15V, 0.0~2.4A	±5%	80mV		
		-15V, 0.0~2.4A	±5%	80mV		