



Power Supplies & UPS

100-200W Dual Output Switching Power Supply

Detailed product specifications are available on: us.100y.com.tw



MW MEAN WELL D-120 Series

FEATURES:

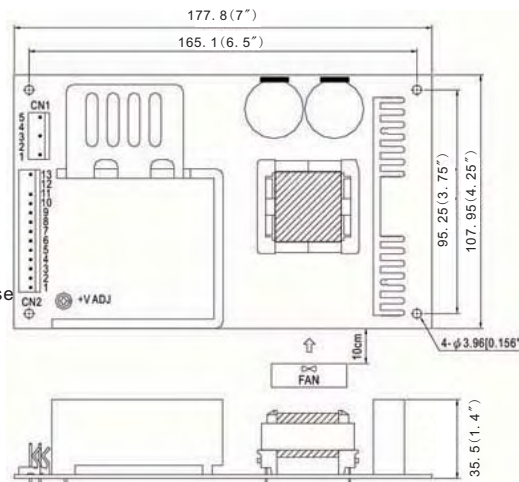
- Low cost, high reliability.
- Compact size, light weight
- 105°C output capacitor.
- 100% full load burn-in test.
- International AC input range.
- High efficiency, low working temperature.
- Soft-start circuit, limiting AC surge current.
- Short circuit, overload, over voltage protected
- Built in EMI filter, low ripple noise

INPUT VOLTAGE RANGE: 88~132VAC/176~264VAC selected by switch 47~63Hz 248~370VDC
 AC CURRENT: 2.5A/115VAC 1.25A/230VAC
 INRUSH CURRENT(max.): COLD START 35A
 LEAKAGE CURRENT: <3.5 mA/240VAC
 WORKING TEMP.humidity: -10~+60°C(Refer to output derating curve) 20%~90% RH
 SAFETY STANDARDS: UL1950 TUV EN60950, Approved
 WITHSTAND VOLTAGE: I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC
 DIMENSION: 199*110*50mm CASE: 906

Part No.	Product No.	Manufacturer	Description	Output Volt./Current	Tol.(±)	Output Volt./Current	Tol.(±)
21084	D-120A	MEAN WELL	120W Dual Output Switching Power Supply	5VDC/2~112A	+/-2%	12VDC/0.5~5A	+/-6%
8540	D-120B	MEAN WELL	120W Dual Output Switching Power Supply	5VDC/2~10A	+/-2%	24VDC/0.4~4A	+/-7%



AC Input voltage: 90~264VAC,47~440Hz/127~370VDC.
 AC input current: Maximum input current 2.9A at 115VAC,60Hz or 1.7A at 230VAC, 60Hz with 100% output load.
 Inrush current: Inrush current is less than 35A at 115VAC or less than 60A at 230VAC under cold start conditions.Limiting provided by internal thermistors
 Leakage current: leakage current less than 180µA at 264VAC
 Working temp. : Whole series can operate from -20~70°C. Please refer to the deration curves
 Safety standards: Medical: UL2601-1,TUV EN60601-1 approved Commercial:Also design refer to UL60950-1, TUVEN60950-1
 Withstand voltage: 4000VAC between input and output 1500VAC between input and F.G. 500VAC between output and F.G.



FEATURES

- Universal AC input/Full range
- Lowleakagecurrent<180µA
- Protections: Short circuit/Over load/Over voltage
- UL2601-1 medical safety approved
- With power good and fail signal output(Optional)
- 100%full load burn-in test
- Fixed switching frequency at 45KHz
- 3 years warranty

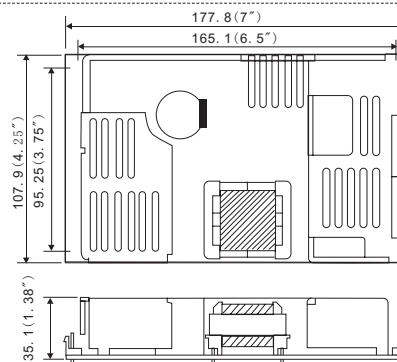


Part No.	Product No.	Manufacturer	Description	Output Volt./Current	Tol.(±)	Output Volt./Current	Tol.(±)
31711	MPD-120A	MEAN WELL	MEAN WELL_120W Dual Output Medical Type	12V/0.5~6.0A	±7%	5V/2.0~12A	±2%
31715	MPD-120B	MEAN WELL	MEAN WELL_120W Dual Output Medical Type	24V/0.3~3.2A	±8%	5V/2.0~12A	±2%



FEATURES:

- 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



Part No.	Product No.	Manufacturer	Description	Output Volt./Current	Tol.(±)	Output Volt./Current	Tol.(±)
31730	MPD-200A	MEAN WELL	MEAN WELL_200W Dual Output Medical Type	12V/0.8~9.6A	+8%, -5%	5V/4.0~24A	±2%
31731	MPD-200B	MEAN WELL	MEAN WELL_200W Dual Output Medical Type	24V/0.4~4.8A	±6.5%	5V/4.0~24A	±2%

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