

Product Feature

1. Single output: power 200W
2. Input voltage: 90~264VAC, 135~370VDC
3. PF≥0.99/115VAC, PF≥0.95/230VAC
4. Operating ambient temperature range: -40°C to +60°C
5. High efficiency up to 94%
6. I/O isolation test voltage 2.5k VAC

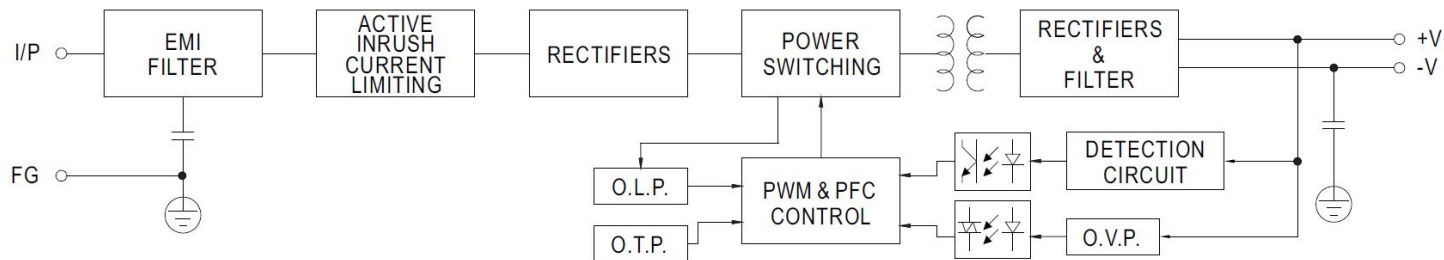


3 years
Warranty

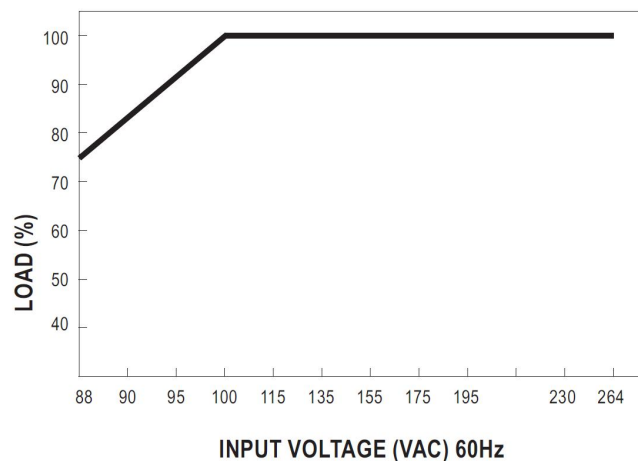
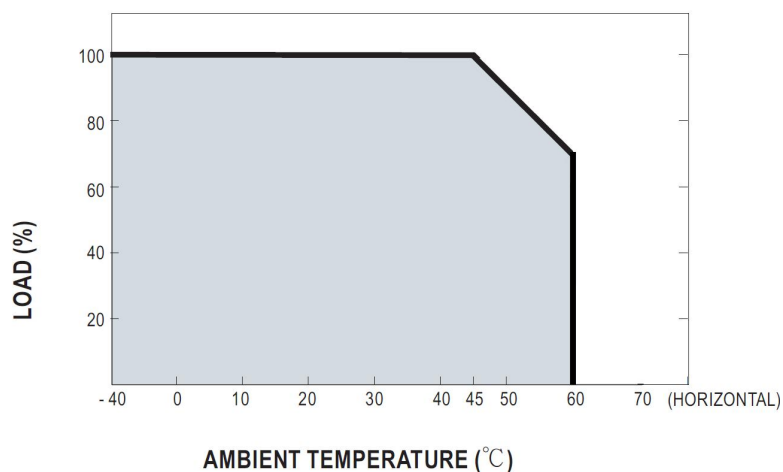
Electrical Specifications

Model number	MBP-200-12-F	MBP-200-24-F	MBP-200-36-F	MBP-200-48-F
DC output voltage	12V	24V	36V	48V
Current	16.5A	8.3A	5.6A	4.2A
Current range	0~16.5A	0~8.3A	0~5.6A	0~4.2A
Rated power	198W	199.2W	201.6W	201.6W
Wave and noise	200mVp-p	200mVp-p	280mVp-p	300mVp-p
Line regulation rate	±0.5%	±0.5%	±0.5%	±0.5%
Load regulation rate	±1%	±0.5%	±0.5%	±0.5%
Efficiency	91%	92.5%	93.5%	94%
Adjustable range for DC voltage	±10%	±10%	±10%	±10%
Input voltage range	90~264VAC, 135~370VDC (Can withstand 300VAC surge input for 5 seconds without damage) 47-63Hz			
AC input current	2.4A/115V 1.2A/230VAC			
Power factor	PF≥0.99/115VAC, PF≥0.95/230VAC (When fully loaded)			
Impact current	Cold start current 35A/230VAC			
Overload protection	Protection method: Current limiting mode, automatically restores normal output after abnormal conditions are removed			
Overvoltage protection	Starting overvoltage protection at 115%~135% of rated output voltage Protection method: Voltage limiting mode, which can automatically restore normal output after removing abnormal conditions			
Over temperature protection	95°C±10°C Protection mode: current reduction mode, can automatically recover after the temperature returns to normal			
Setup, rise, hold up time	800ms, 50ms, 16ms/230VAC (When fully loaded)			
Withstand voltage	Input/output space (I/P~O/P): 2.5KVAC Input to ground (I/P~FG): 2.0KVAC Output to ground (O/P~FG): 0.5KVAC			
Insulation resistance	Input/output (I/P~O/P), input to ground (I/P~FG), output to ground (O/P~FG): 100M Ohms/500VDC/25°C/70% RH			
Working temperature/humidity	-40°C~+60°C 20%~90% RH, No condensation			
Dimension	215×115×30mm (L*W*H)			
Packing	0.8kg/20pcs/17kg/0.003m³			

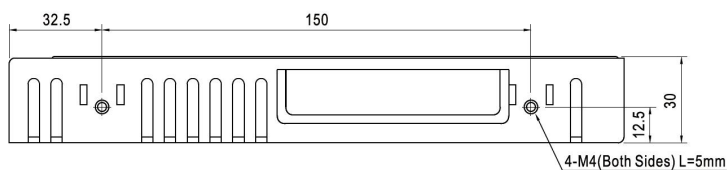
Block Diagram



Derating Curve



Mechanical Specification



Pin	Function
1	AC/N
2	AC/L
3	FG
4~6	DC output -V
7~9	DC output +V

