



Sparkle Power Inc.

A Leading Power Supply Manufacturer

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MPW-6150F

1U/ 150W LOW PROFILE POWER SUPPLY



INPUT CHARACTERISTICS:

VOLTAGE: 90~135 VAC OR 180~265VAC
(AUTO SWITCHING)

FREQUENCY: 47 ~ 63HZ

INPUT CURRENT:

5.0 (RMS) A FOR 115 VAC

2.5 (RMS) A FOR 230 VAC

INRUSH CURRENT:

30 A MAX. FOR 115 VAC

60 A MAX. FOR 230 VAC

OUTPUT CHARACTERISTICS:

OUTPUT VOLTAGE	OUTPUT CURRENT		REGULATION		OUTPUT RIPPLE & NOISE MAX. (P-P)
	MIN.[A]	MAX.[A]	LOAD	LINE	
+5	3.0	10	±5%	±1%	160mV
+12	1.0	6.0	±8%	±1%	120mV
-5	0	0.2	±10%	±1%	120mV
-12	0	1.0	-10%~+15%	±1%	150mV
3.3V	1.0	6	±5%	±1%	80mV
+5VSB	0	720mA	±5%	±1%	70mV

MAX. TOTAL OUTPUT: 150W

SPECIFICATIONS:

TEMPERATURE RANGE:

OPERATING 0°C~50°C

HOLD UP TIME:

16 ms MINIMUM AT FULL LOAD & NORMAL INPUT VOLTAGE

DIELECTRIC WITHSTAND:

INPUT / OUTPUT 1500 VAC FOR 1 SECOND,
INPUT TO FRAME GROUND 1500 VAC FOR 1 SECOND

EFFICIENCY:

60% TYPICAL, AT FULL LOAD

POWER GOOD SIGNAL:

ON DELAY 100 ms TO 500 ms,
OFF DELAY 1ms

OVERLOAD PROTECTION:

130 ±20%

OVER VOLTAGE PROTECTION:

+5V---5.5V~7V, 3.3V---4V~4.5V

SHORT CIRCUIT PROTECTION:

+5V, -5V, +12V, -12V, +3.3V

EMI NOISE FILTER:

FCC CLASS A , CISPR22 CLASS A

SAFETY:

UL1950, CSA 22.2 NO/950, TÜV IEC 950

REMOTE ON / OFF CONTROL:

THE UNIT SHALL ACCEPT A LOGIC OPEN COLLECTOR LEVEL. AS LOGIC LEVEL IS LOW/HIGH, OUTPUTS VOLTAGE WERE ENABLE/DISABLE

COOLING:

40mm HIGH SPEED BALL-BEARING DC FAN

DIMENSION:

190mm(D) x 100mm(W) X 40.5mm(H)