



HIGH EFFICIENCY
AC INPUT TO DC OUTPUT



M1W4-5L80V3H
M1W4-5O50V3H
M1W4-5R20V3H
M1W4-5W40V3H
M1W4-5CH0V0H



N+1 REDUNDANT

INPUT CHARACTERISTICS

VOLTAGE :

90~264VAC FULL RANGE

FREQUENCY :

47 ~ 63HZ

INPUT CURRENT :

WATTAGE	115V	230V
2180W	30A	15A
2450W	42A	21A
2720W	45A	22.5A
3240W	45A	23A
3300W	45A	24A
3800W	X	26A

INRUSH CURRENT :

15/30 AMPS @ 115/230VAC

POWER FACTOR CORRECTION :

PFC CAN REACH THE TARGET OF 95% AT 115/230VAC, FULL LOAD

EMI :

IEC61000-3-2, FCC, CISPR 22(EN 55022)

EMS :

EN 61000-4-2 ESD, EN61000-4-4 EFT, EN61000-4-5 SURGE

SAFETY :

TO MEET UL&CUL, TUV, CCC



OUTPUT CHARACTERISTICS

MODEL	WATTAGE	OUTPUT					
		+5V	+12V	+3.3V	-5V	-12V	+5VSB
M1W4-5L80V3H	2180W	24A	178A	24A	X	1.5A	4A
M1W4-5O50V3H	2450W	24A	201A	24A	X	1.5A	4A
M1W4-5R20V3H	2720W	24A	223A	24A	X	1.5A	4A
M1W4-5W40V3H	3240W	24A	270A	24A	X	1.5A	4A
M1W4-5CH0V0H * 2	3800W	24A	316A	24A	X	1.5A	4A
REGULATION LOAD		±5%	±5%	±5%	X	±5%	±5%
RIPPLE AND NOISE		50mV	120mV	50mV	X	120mV	50mV

REMARKS :

TOTAL MAX OUTPUT OF +5V AND +3.3V NOT EXCEED 135W.

* 1 INPUT VOLTAGE IS 103 ~ 264 VAC (3300W)

* 2 INPUT VOLTAGE IS 180 ~ 264 VAC (3800W)

SPECIFICATION :

TEMPERATURE RANGE : OPERATING 0°C ~50°C · STORAGE -20°C ~80°C

HOLD UP TIME : 16mS IN REGULATION LIMIT AT 90 VAC INPUT VOLTAGE

EFFICIENCY : TYPICAL 84% AT FULL LOAD 115VAC (PER SET)

POWER GOOD SIGNAL : ON DELAY 100mS TO 550mS

OUTPUT PROTECTION : OPP / OVP / SCP

REMOTE ON/OFF CONTROL

REMOTE SENSING DESIGN

BALANCE LOAD SHARING DESIGN

WARNING METHOD : LED, BUZZER, TTL SIGNAL

DIMENSION : 340mm (D) x 422mm (W) x 43mm (H)

THE POWER-SUPPLY IS FOR CHASSIS-ASSEMBLY ONLY AND IS NOT ALLOWED TO BE OPERATED AS STAND-ALONE COMPONENT. FINAL ASSEMBLY HAS TO COMPLY WITH CORRESPONDING EMC- AND SAFETY-REGULATIONS.

