PMBus Optional

80 PLUS SILVER

M1P2-5300V4V
M1P2-5420V4V
M1P2-5500V4V

INPUT CHARACTERISTICS

VOLTAGE :

90V ~ 264VAC (WITH ± 10% TOLERANCE)

FREQUENCY :

47 ~ 63HZ

INPUT CURRENT :

5/3 MAX AT ANY LOW/HIGH INPUT VOLTAGE (300W) ; 8/4A MAX AT ANY LOW/HIGH INPUT VOLTAGE(420W.500W)

INRUSH CURRENT :

40/60A @ 115/230VAC (25℃)

POWER FACTOR CORRECTION :

PFC CAN REACH THE TARGET OF 95% @ 115V, FULL LOAD, FOLLOWING THE STANDARD OF IEC 1000-3-2

EMI :

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

EMS :

EN 61000-4-2 ESD, EN6100-4-4 EFT, EN61000-4-5 SURGE

SAFETY :

TO MEET UL, CUL, TUV, CCC

E143756

OUTPUT CHARACTERISTICS

MODEL	WATTAGE	OUTPUT					
		+5V	+12V	+3.3V	-5V	-12V	+5VSB
M1P2-5300V4V	300W	20A	25A	20A	X	0.5A	3.5A
M1P2-5420V4V	420W	32A	35A	25A	X	0.5A	3.5A
M1P2-5500V4V	500W	32A	41A	25A	X	0.5A	3.5A
REGULATION LOAD		±5%	±5%	±5%	X	±10%	±5%
RIPPLE AND NOISE		50mV	120mV	50mV	X	120mV	50mV

REMARKS :
+5V AND +3.3V TOTAL OUTPUT MAX ：140W / 170W / 170W ; TOTAL OUTPUT MAX 300W / 420W / 500W

SPECIFICATION :

TEMPERATURE RANGE：OPERATING：0℃ --- 40℃ , STORAGE：-20℃ --- 80℃

HOLD UP TIME：16 ms MINIMUM AT FULL LOAD & NORMAL INPUT VOLTAGE

EFFICIENCY：>80% TYPICAL AT 230 VAC FULL LOAD

POWER GOOD SIGNAL：ON DELAY 100 ms TO 500 ms, OFF DELAY 1 ms

OUTPUT PROTECTION：OPP / OVP / OCP / SCP

FAULTY ALARM METHODS：LED, BUZZER, TTL SIGNAL

HOT-SWAPPABLE/HOT PLUGGABLE REDUNDANCY FUNCTION

ISOLATION：BUILT-IN THE POWER MODULE

REMOTE SENSING DESIGN

DIMENSION：217mm (D) x 85mm (W) x 84mm (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.