



M1W2-5700K0V

2U REDUNDANT

INPUT CHARACTERISTICS

VOLTAGE :

90 ~ 264VAC FULL RANGE

FREQUENCY :

47 ~ 63HZ

INPUT CURRENT :

9.5/5A MAX AT ANY LOW/HIGH INPUT VOLTAGE (700W)

INRUSH CURRENT :

60A MAX. FOR 115 VAC PER MODULE ; 80A MAX. FOR 230 VAC PER MODULE

POWER FACTOR CORRECTION :

PFC CAN REACH THE TARGET OF 95% @ 115V AND 90% @230V, 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, EN61000-4-4 EFT, EN61000-4-5 SURGE

SAFETY :

TO MEET UL&CUL, TUV, CCC



HIGH EFFICIENCY

AC INPUT TO DC OUTPUT

OUTPUT CHARACTERISTICS

MODEL	WATTAGE	OUTPUT					
		+5V	+12V	+3.3V	-5V	-12V	+5VSB
M1W2-5700K0V	700W	36A	58A	25A	X	0.8A	3A
RIPPLE AND NOISE		50mV	50mV	50mV	X	120mV	50mV

REMARKS :

+5V AND +3.3V TOTAL OUTPUT MAX 170W/190W; TOTAL OUTPUT MAX : 700W

SPECIFICATION :

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

HOLD UP TIME : 16mS MIN. AT FULL LOAD & 115 VAC INPUT VOLTAGE (TESTED AT 90% OF MAXIMUM LOAD AND OVER 100-240VAC INPUT)

EFFICIENCY : TYPICAL >86% AT 230V, 20%~100% MAX LOAD

POWER GOOD SIGNAL : ON DELAY 100mS TO 500mS · OFF DELAY 1mS

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

LEAKAGE CURRENT : 3.5 mA. MAX. AT NOMINAL VOLTAGE 250VAC

REMOTE ON/OFF CONTROL

DIMENSION : 300mm (D) x 101.2mm (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.

