



MRH2-5930V0H MRH2-5AD0V0H

INPUT CHARACTERISTICS

VOLTAGE :

90~264 VAC FULL RANGE (930W)
180 ~ 264 VAC (1400W)
90 ~ 132 VAC FULL RANGE (1200W)

FREQUENCY :

47 ~ 63HZ

INPUT CURRENT :

WATTAGE	115V	230V
930W	14	7
1200W/1400W	15	10

INRUSH CURRENT :

15/30 AMPS @115/230VAC

POWER FACTOR CORRECTION :

PFC CAN REACH THE TARGET OF 95% @ 110V, 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
MRH2-5930V0H	930W	36A	77.5A	31A	X	0.5A	3A
MRH2-5AD0V0H	1400W	36A	116A	31A	X	0.5A	3A
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 210W

* POWER MODULE TOTAL OUTPUT POWER NOT EXCEED 1400W FOR 180~264VAC

* POWER MODULE TOTAL OUTPUT POWER NOT EXCEED 1200W FOR 103~132VAC

SPECIFICATION :

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

HOLD UP TIME : 12mS MINIMUM AT NOMINAL INPUT VOLTAGE (930W); TEST AT 1000W OUTPUT AND INPUT >115VAC 17mS (1400W)

EFFICIENCY : TYPICAL 82% @ 115V, TYPICAL 84% @ 230V (930W)
TYPICAL 84% @ 115V, TYPICAL 86% @ 230V (1400W)

LEAKAGE CURRENT : 3.5 mA. MAX. AT NOMINAL VOLTAGE 240VAC

POWER GOOD SIGNAL : ON DELAY 100 ms TO 500 ms

OUTPUT PROTECTION : OPP / OVP / OVP / SCP

REMOTE ON/OFF CONTROL

DIMENSION : 280mm (D) x 150mm (W) x 86mm (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.

