



Mini Redundant

MRG-5700V4V

Dimension :

200(D)*150(W)*86(H)/mm

FEATURES

- *1+1 Redundant Application
- *Support - AC cable pull back from rear side(Optional)
- *Support PMBus 1.1
- *Fan Reverse Option
- *Smart Fan Speed Control
- *Protections : OVP/OPP/SCP
- *Operation Altitude : 5000meters

INPUT CHARACTERISTICS

Parameter	Notes & Conditions	Min.	Typ.	Max.	Units
Operating Voltage Range		90		264	Vac
Input Frequency Range		47		63	Hz
Maximum Input Current	*Io=100% ; Low Line *Io=100% ; High Line			9 5	A
Leakage Current	*per module			3.5	mA
Inrush Current	*Vin=132Vac,Cold start/25°C *Vin=264Vac,Cold start/25°C *per module			35 75	A

OUTPUT CHARACTERISTICS

WATTAGE	OUTPUT					
	5V	3.3V	12V	-12V	5VSB	
700W	32A	32A	57A	0.8A	3.5A	
Load Regulation	+/-5%	+/-5%	+/-5%	+5/-10%	+/-5%	
Ripple & Noise(mv)	50	50	120	120	50	

*+5V and +3.3V total output max : 190W

ENVIRONMENTAL SPEC.

Parameter	Notes & Conditions	Min.	Typ.	Max.	Units
Temperature		0		40	°C
Relative Humidity	Non-condensing	20		80	%
Emissions	EN55032 FCC Part15	CLASS B			
Surge	EN61000-4-5	DM : +/-1KV CM : +/-2KV			
Harmonic Currents	EN 61000-3-2	CLASS D			

GENERAL SPEC.

Parameter	Notes & Conditions	Min.	Typ.	Max.	Units
MTBF	Io=100% ; Ta=25°C per MIL-HDBK-217F	167541			Hours
Efficiency	Io=100% ; Vin=115Vac	80			%
Power Density	*per module	11.01			W/in ³

