



2U Redundant Redundant-Slim Type

M1K2-5C01V4V

Dimension :

425(D)*54.5(W)*84.6(H)/mm

FEATURES

- *80 PLUS GOLD
- *1+1 Redundant Application
- *Support PMbus 1.2
- *Fan Reverse Option
- *Smart Fan Speed Control
- *Protections : OVP/SCP
- *Operation Altitude : 3100meters

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			15 7.5	A
Leakage Current	*per module			3.5	mA
Inrush Current	*Vin=115Vac,Cold start/25°C *Vin=230Vac,Cold start/25°C *per module			15 30	A

OUTPUT CHARACTERISTICS

WATTAGE	OUTPUT					
	5V	3.3V	12V	-12V	5VSB	
1200W	36A	31A	100A	0.5A	3A	
Load Regulation	+/-5%	+/-5%	+/-5%	+/-5%	+/-5%	
Ripple & Noise(mv)	50	50	120	120	50	

*+5V and +3.3V total output max : 210W

ENVIRONMENTAL SPEC.

Parameter	Notes & Conditions	Min.	Typ.	Max.	Units
Temperature	*refer derating curve	0		50	°C
Relative Humidity	Non-condensing	20		80	%
Emissions	EN55032 FCC Part15	CLASS A			
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	190978			Hours
Efficiency	Io=100% ; Vin=230Vac		86		%
Power Density	*per module	27.84			W/in ³

