



1U Redundant Module
Redundant Module-Slim Type

USP-2AE0K2

Dimension :
420(D)*38(W)*40(H)/mm

FEATURES

- *80 PLUS PLATINUM
- *N+1 Redundant Application(Module)
- *Support PMBUS 1.2
- *Fan Reverse Option
- *Smart Fan Speed Control
- *Protections : OPP/OVP/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% ; Vin=90Vac			12	A
	*Io=100% ; Vin=200Vac			10	
Leakage Current				3.5	mA
Inrush Current	*Vin=115Vac,Cold start/25°C			40	A
	*Vin=230Vac,Cold start/25°C			80	

OUTPUT CHARACTERISTICS

WATTAGE	OUTPUT			
		12V		5VSB
1500W		125A(200-264V)/ 83.3A(110-132V)/ 66.6A(90-110V)		3A
Load Regulation		+/-5%		+/-5%
Ripple & Noise(mv)		120		50

ENVIRONMENTAL SPEC.

Parameter	Notes & Conditions	Min.	Typ.	Max.	Units
Temperature		0		40	°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	155988			Hours
Efficiency	Io=100% ; Vin=230Vac	88			%
Power Density		38.53			W/in ³

