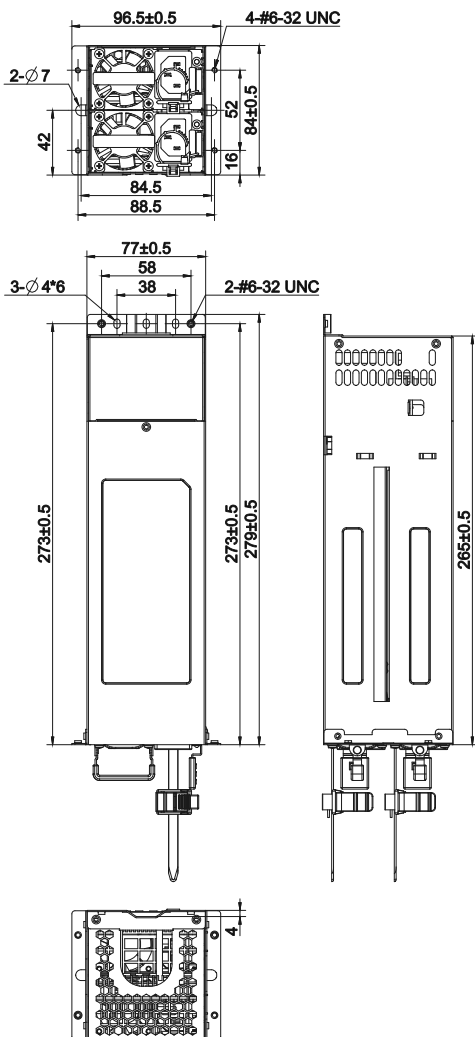


Features

- Maximum output power 800W
- 90Vac-264Vac/180-300Vdc Input
- 80PLUS® Platinum efficiency
- N+1 Redundant
- Digital Power Supply
- Hot-pluggable
- Active current sharing
- PMBus® compliant
- Active Power Factor Correction
- Intel Standard CRPS Form Factor
- Conducted/Radiated EMI Class A Limits



INPUT SPECIFICATIONS						
AC input voltage	90 - 264Vac,	Rated:100-127Vac,200-240Vac				
DC input voltage	180-300Vdc					
Input frequency	47 - 63Hz	Rated:50HZ and 60HZ				
Input current	7A (MAX)	AC input:100-127Vac				
	3.5A (MAX)	AC input:200-240Vac				
Power factor	0.98	100% load, 230Vac/50Hz and 60Hz,115Vac/60Hz				
Input Inrush Current	35A	25°C, cold start				
OUTPUT SPECIFICATIONS						
Output Voltage	+3.3V	+5V	+12V	-12V	+5Vsb	
Output Current	20A	30A	65A	0.5A	4A	
Regulation	5%					
Maximum Power	800W					
Ripple & Noise	120mVp-p					
Efficiency	94%	50% Load,230Vac/50Hz,The fan is powered by				
Output Rise Time	70ms	Time for Vo to rise from 10% of Vo(nom) to 95% of Vo(nom), 100% load				
Hold Time	11ms(Main), 70-400ms(Vsb)	100% Load				
Turn on Delay Time	3S					
Hot-plugging	Support cell hot-plugging, no insulation breakdown at input terminals					
ENVIRONMENTAL SPECIFICATIONS						
Operating Temperature	0~ +66°C	Bottom base temperature,ambient temperature				
Storage Temperature	-40 +70°C					
Relative humidity	0-95%	Non-condensing				
Altitude	5000M					
Protection Characteristics		Units	Min.	Typ.	Max.	Notes
Input Under Voltage Protection		Vac	72	75	78	50% load, hysteresis ≥5Vac
		Vdc	164	167	170	
Input Under Voltage Protection Recovery		Vac	82	85	88	
		Vdc	174	177	180	
Output Over Voltage Protection	Output Voltage	+3.3V	+5V	+12V	+5Vsb	
	Protection Voltage(Vdc)	4.3	7	15.6	7	
Output Over Current Protection	Output Voltage	+3.3V	+5V	+12V	+5Vsb	
	Protection Current(A)	45	45	90	6	
Short Circuit Protection	Main	Power-off mode				
	Vsb	Automatic recovery				
Over Temperature Protection		Automatic recovery , hysteresis≥5°C				
Safety Specification						
Safety Certification	IEC62368-1, UL62368-1,EN62368-1 and GB4943.1					
Isolation Voltage(input-output)	1500Vac isolation voltage, test duration 1 minute, leak current less than 10mA, no arcing or breakdown					
Isolation Resistance(input-output)	Isolation resistance ≥10MΩ at 90% relative humidity, non-condensing and 500Vdc test voltage					
Leakage Current(input-ground)	<1mA(264Vac, 50/60Hz input)					
Leakage Resistance	<0.1Ω(25A/2min)					

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