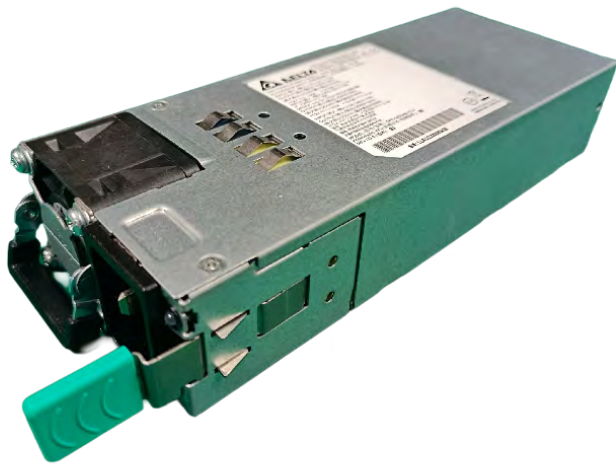


# DPS-2400AB-12 F



185.0(L) x 73.5(W) x 40.0(H) mm

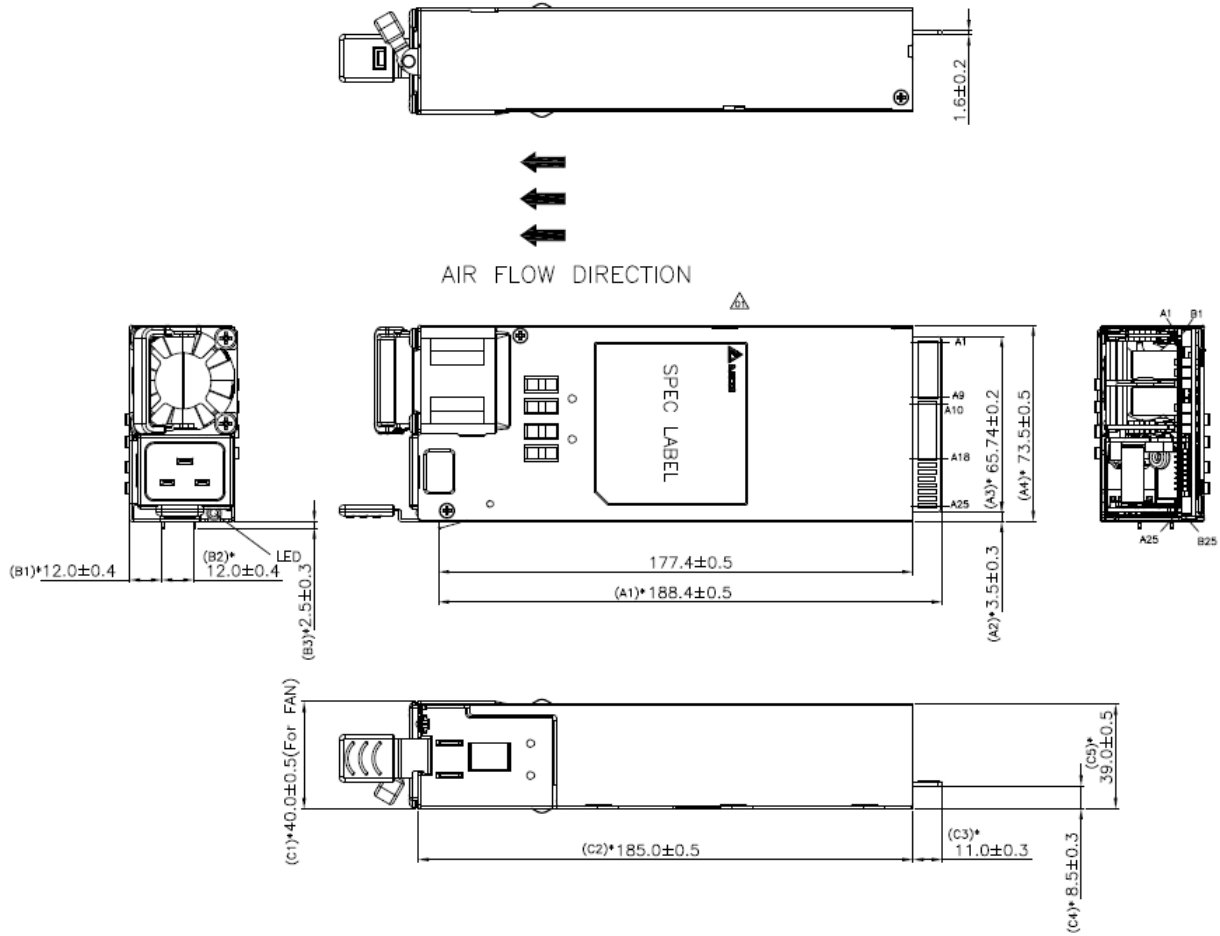
## FEATURES

- Total power :  
1032W@ 90~140Vac Input  
2544W@180~200Vac & 180~210Vdc Input  
2592W@200~264Vac & 210~300Vdc Input
- High reliability:  
>400,000 hours @230V/50Hz/full load(50 °C)
- Protection:  
Short / Over-current / Over-voltage / Over-temperature
- CCC: 5000 meter
- Active PFC design, PF>0.99 @230V/50Hz/115V/60Hz full load, which can improve ripple noise and also be benefit for the saving of energy.



Input		
Voltage range	90~140Vac 180~264Vac 180~300Vdc	
Frequency	47~63Hz	
Efficiency	230V/50Hz@100% LOAD >= 91%	
	230V/50Hz@50% LOAD >= 96%    230V/50Hz@20% LOAD >= 94%	
	230V/50Hz@10% LOAD >= 90%	
	(Titanium)	
Inrush Current	@264V Cold start <=55A	
Output		
12V	3A to 84A @ 90~140Vac Input	
	3A to 210A @180~200Vac & 180~210Vdc Input	
	3A to 214A @200~264Vac & 210~300Vdc Input	
12Vsb	0.1A to 2.1A	
Protection		
Over-current	12V/ Latch off ; 12VSB auto restart	
Over-temperature	12V auto restart	
Short	12V/ Latch off ; 12VSB auto restart	
Over-voltage	12V/ Latch off ; 12VSB auto restart	
Environment		
Operating temp.	0 to 55°C	
Storage temp.	-40 to 70°C	
Operating humidity	10% - 90%	
Storage humidity	10% - 95%	
Safety Standards/Directives		
Electrical Safety	UL/CUL, TUV, CB , CCC, CE, BSMI, KCC, KCrefer to IEC 62368-1	
EMC	EMI: refer to, EN55032, EN55035 Class A	
	ESD(IEC61000-4-2)	Air Discharge: +/- 15KV min Contact Discharge: +/- 8KV min.
	EFT(IEC61000- 4-4)	+/- 2KV
	Surge(IEC61000-4-5)	Common Mode:+/- 4KV
		Different Mode:+/- 2KV
Isolation	Input to Output 2.5KVac	

# DPS-2400AB-12 F



## Output Pin Assignment

PIN	SIGNAL NAME	PIN	SIGNAL NAME
A1	GND	B1	GND
A2	GND	B2	GND
A3	GND	B3	GND
A4	GND	B4	GND
A5	GND	B5	GND
A6	GND	B6	GND
A7	GND	B7	GND
A8	GND	B8	GND
A9	GND	B9	GND
A10	+12V	B10	+12V
A11	+12V	B11	+12V
A12	+12V	B12	+12V
A13	+12V	B13	+12V
A14	+12V	B14	+12V
A15	+12V	B15	+12V
A16	+12V	B16	+12V
A17	+12V	B17	+12V
A18	+12V	B18	+12V
A19	SDA	B19	A0
A20	SCL	B20	A1
A21	PSON	B21	12VSB
A22	SMB-ALERT	B22	SMART ON
A23	RETURN_S	B23	12LS
A24	+12VRS	B24	N.C
A25	PWOK	B25	N.C



More Information

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2024 - All information and specifications are subjected to change without prior notice.

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