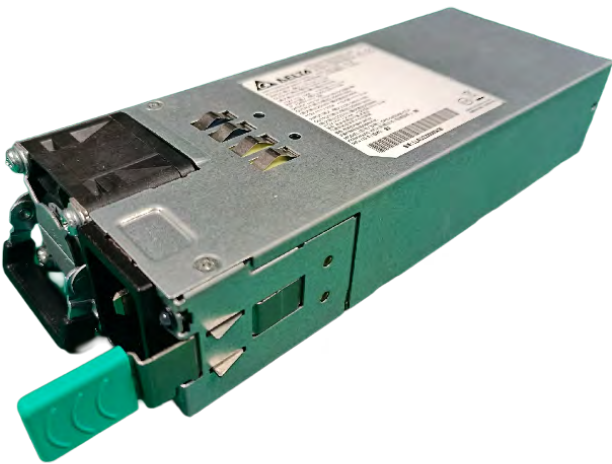


DPS-2400AB-12 F



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

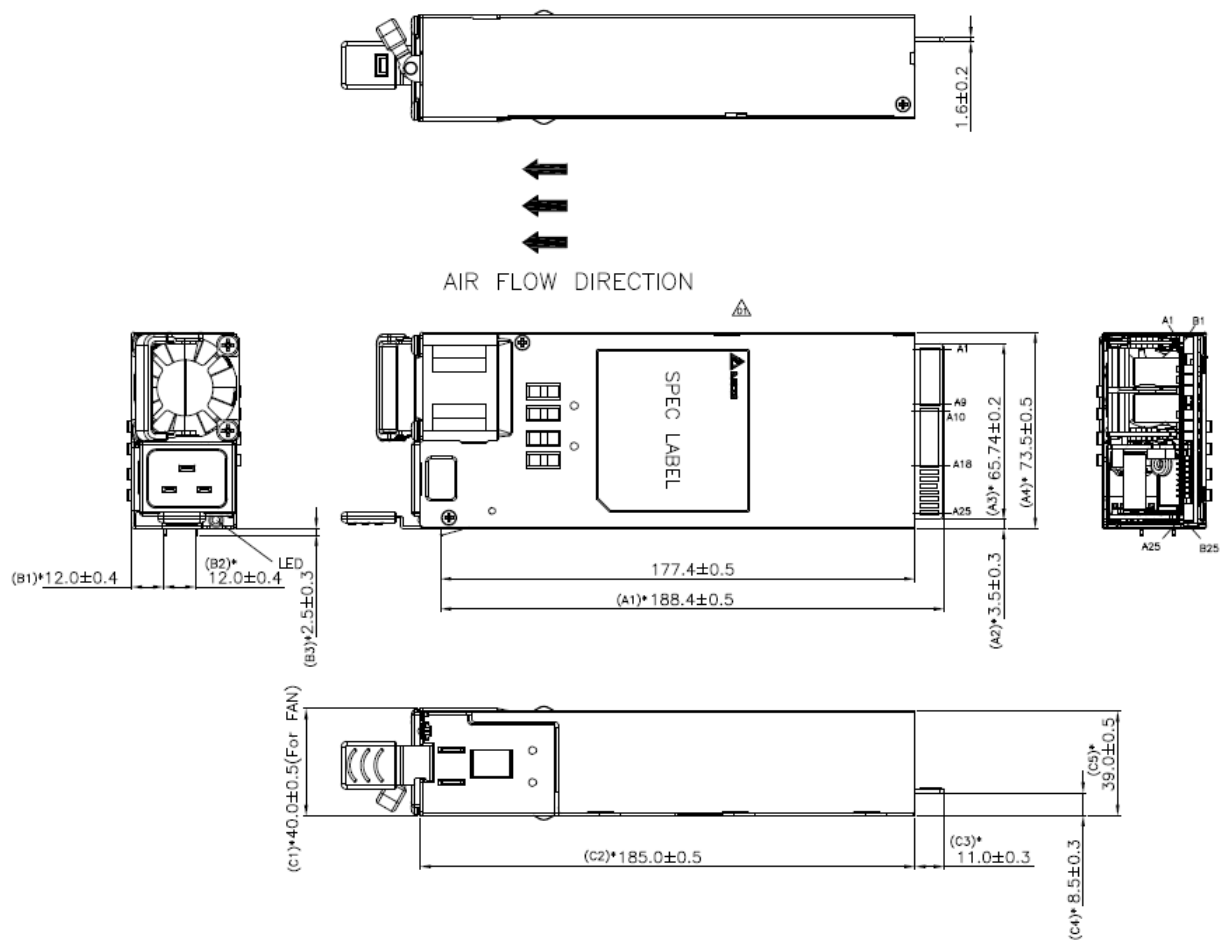
FEATURES

- 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	



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Delta Electronics:](#)

[DPS-2400AB-12 A](#)