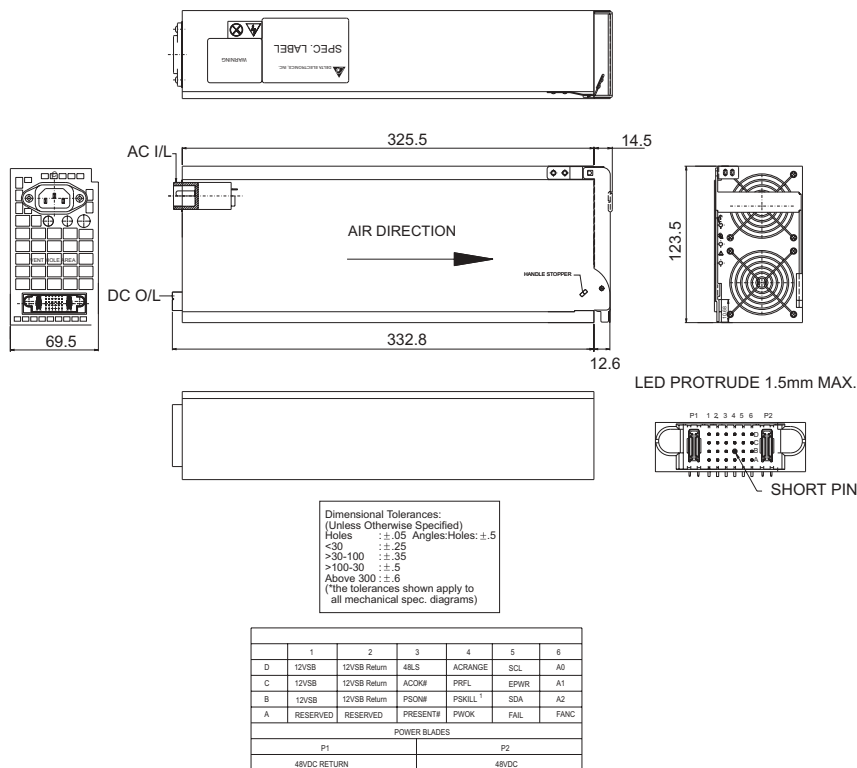


## DPS-1001AB-1 E Series

12.85 (L) x 4.86 (W) x 2.736 (H) in<sup>3</sup>



### MECHANICAL DRAWING



### FEATURES

- Efficiency: >85%@1000W load, 240Vac Input  
>80%@700W load, 110Vac Input
- Universal input
- Protection: Latched mode OVP, OCP & Recovery: OTP
- Harmonic: IEC 1000-3-2 class D (PF>0.97@full load, nominal line)
- Power Density: 5.852 W/in<sup>3</sup>
- Alarm Signals: OVP, OCP, OTP, Fan Fail, DC-OK, Input Voltage Loss
- Hot Swappable, Redundant, Current Sharing
- EEPROM Built In (I<sup>2</sup>C Interface)
- Remote On / Off Control



### ENVIRONMENTAL

- Operation temperature: 0°C~50°C ambient
- Surge: IEC61000-4-5, Level 3
- MTBF: >100,000 hours

### ELECTRICAL SPECIFICATIONS

#### Input

- Input Range: 90~264Vac
- Frequency: 47~63Hz
- Automatic Power Recovery after AC Power Failure
- Inrush Current: <35A
- EMI/RFI: FCC Part 15 Class B & CISPR 22 Class B

#### Output

- Holdup Time: >20 mS @ full load, nom.
- OCP, OVP: all outputs
- Maximum power: 700Watt @ 110Vac  
1000Watt @ 220Vac
- Peak Load: 110Vac, 48V/14.85A for 10 Second  
220Vac, 48V/19.8A for 10 Second

	Output (V)	Max (V)	Nom (V)	Min (V)	Load (A)		Ripple & Noise At 1MHz (mV)
					Max.	Min.	
Each Output Port	+12.0	13.0	12.5	12.0	4.0	0	120
Total	220V	+48.0	50.4	48.0	45.6	19.8	1.98
Output	110V	+48.0	50.4	48.0	45.6	13.5	1.35