



Safety , Efficient & Earth friendly

Open Frame Switching Power Supply 25W Series

UOB Series



Product Highlights:

- Stability
- Ultra small size
- Energy efficiency

Protection:

- Short circuit protection
- Over Voltage Protection
- Over Current Protection

Efficiency:

- CEC Leve 5
- Energy Star 2.0

Emissions:

- CE CISPR 22 Class B
- VCCI Class B

Immunity:

- EN55024/A1:2001
- Electrostatic discharge: 61000-4-2
- Radiated electromagnetic fields:61000-4-3
- Fast transients (Burst): 61000-4-4
- Surge transients: 61000-4-5
- Conducted disturbance: 61000-4-6
- Voltage dips, interruptions & Variations:61000-4-11

Electrical Spec:

Absolute Maximum Rating

Input					
Description	Min	Typ	Max	Units	Comment
Voltage	90	120/240	264	VAC	2 Wire No Protection Ground
Frequency	47	50/60	63	Hz	

Environmental					
Description	Min	Typ	Max	Units	Comment
Operating Temperature	0	-	40	°C	Free Convection,Sea level
Non-Operating Temperture	-20	-	85	°C	Free Convection,Sea level
Operating Humidity	10	-	90	%RH	No Condensing
Non-Operating Humidity	10	-	90	%RH	No Condensing

Typical model list:

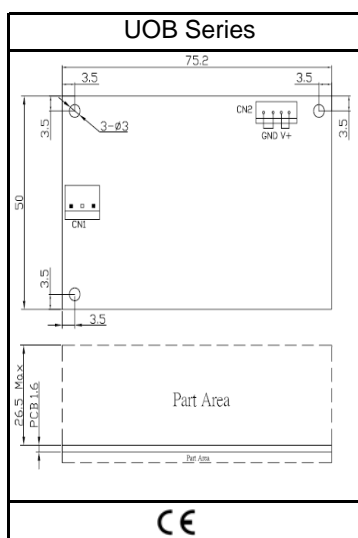
Open Frame Switching Power Supply 25W Series

Input Condition	DC Output Voltage	DC Output Current	Output Voltage Precision	Ripple & Noises	Regulation		Option/Remark	
					Line	Load		
	1	5V	4.0A	±5%	50mV	±1%	±5%	
	2	6V	3.0A	±5%	60mV	±1%	±5%	
	3	6V	3.8A	±5%	60mV	±1%	±5%	
	4	7V	3.4A	±5%	70mV	±1%	±5%	
	5	9V	2.6A	±5%	90mV	±1%	±5%	
	6	12V	2.0A	±5%	120mV	±1%	±5%	
	7	15V	1.6A	±5%	80mV	±1%	±5%	
	8	24V	1.0A	±5%	240mV	±1%	±5%	
	9	-	-	-	-	-	-	-

Measurement condition

1. Measurements shall be made with an oscilloscope with 20MHz bandwidth.
2. Outputs shall be bypassed at the connector with a 0.1uF ceramic disk capacitor and a 10uF electrolytic capacitor to simulate system loading.

Mechanical Spec:



Packing Spec:

Type	Pcsper Carton	Gross Weight (kg)	Net Weight(kg)	Size(mm)	CBM(m2)	Container	Ctn/Container	Pcs/Container	Gross Weight (Ton)	Remark
UOB325	64	6.62	5.12	406x250x298	1x1.2	20	800	51200	5536	Bulk package



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UOC Series



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- Over Current Protection

Efficiency:

- CEC Leve 5
- Energy Star 2.0

Emissions:

- CE CISPR 22 Class B
- VCCI Class B

Immunity:

- EN55024/A1:2001
- Electrostatic discharge: 61000-4-2
- Radiated electromagnetic fields:61000-4-3
- Fast transients (Burst): 61000-4-4
- Surge transients: 61000-4-5
- Conducted disturbance: 61000-4-6
- Voltage dips, interruptions & Variations:61000-4-11

Electrical Spec:

Absolute Maximum Rating

Input					
Description	Min	Typ	Max	Units	Comment
Voltage	90	120/240	264	VAC	2 Wire No Protection Ground
Frequency	47	50/60	63	Hz	

Environmental					
Description	Min	Typ	Max	Units	Comment
Operating Temperature	0	-	40	°C	Free Convection,Sea level
Non-Operating Temperture	-20	-	85	°C	Free Convection,Sea level
Operating Humidity	10	-	90	%RH	No Condensing
Non-Operating Humidity	10	-	90	%RH	No Condensing

Typical model list:

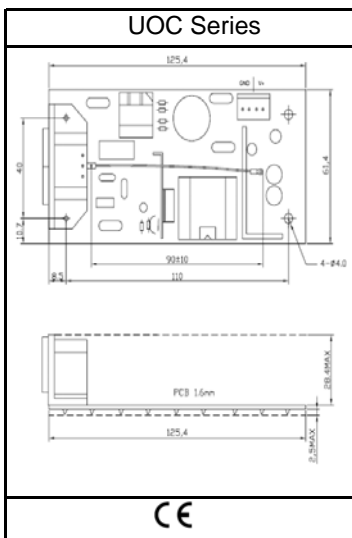
Open Frame Switching Power Supply 25W Series

Input Condition	DC Output Voltage	DC Output Current	Output Voltage Precision	Ripple & Noises	Regulation		Option/Remark
					Line	Load	
1	5V	4.0A	±5%	50mV	±1%	±5%	
2	6V	3.0A	±5%	60mV	±1%	±5%	
3	6V	3.8A	±5%	60mV	±1%	±5%	
4	7V	3.4A	±5%	70mV	±1%	±5%	
5	9V	2.6A	±5%	90mV	±1%	±5%	
6	12V	2.0A	±5%	120mV	±1%	±5%	
7	15V	1.6A	±5%	80mV	±1%	±5%	
8	24V	1.0A	±5%	240mV	±1%	±5%	
9	-	-	-	-	-	-	-

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Mechanical Spec:



Packing Spec:

Type	Pcsper Carton	Gross Weight (kg)	Net Weight(kg)	Size(mm)	CBM(m2)	Container	Ctn/Container	Pcs/Container	Gross Weight (Ton)	Remark
UOC325	120	11.64	8.64	565x393x255	1x1.2	20	400	48000	4896	Bulk package

Open Frame Switching Power Supply 25W Series

UOD Series



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Efficiency:

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Emissions:

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Immunity:

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- Surge transients: 61000-4-5
- Conducted disturbance: 61000-4-6
- Voltage dips, interruptions & Variations:61000-4-11

Electrical Spec:

Absolute Maximum Rating

Input					
Description	Min	Typ	Max	Units	Comment
Voltage	90	120/240	264	VAC	2 Wire No Protection Ground
Frequency	47	50/60	63	Hz	

Environmental					
Description	Min	Typ	Max	Units	Comment
Operating Temperature	0	-	40	°C	Free Convection,Sea level
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Operating Humidity	10	-	90	%RH	No Condensing
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UOP Series



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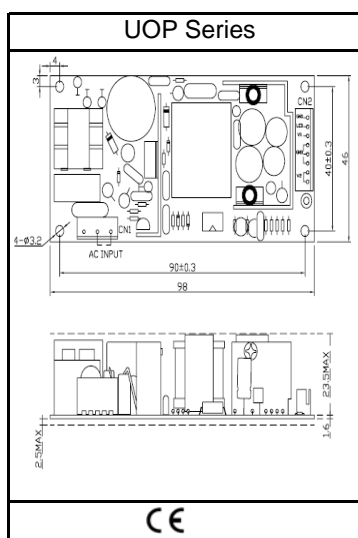
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	6	12V	2.0A	±5%	120mV	±1%	±5%	
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