



查询VSUU-120-D285供应商

捷多邦，专业PCB打样工厂，24小时加急出货

V-INFINITY

VSUU-120-D285 Open Frame Switching Power Supply

Features

- Universal Input Voltage 90-264 VAC, 47-63 Hz
- Internal EMI filter
- Input connector mates with Molex housing 09-50-3051 and Molex 2878 series crimp terminal
- Output connector mates with Molex housing 09-50-3061 (or 09-50-3081, or 09-50-3131) and Molex 2878 series crimp terminal
- Input Surge current, over voltage and over load protection
- Power factor correction
- Power fail detect (optional)
- Class I Insulation
- Size : 3"X5"X1.54"
- Two Years Warranty



CB

CE



Model Number	Output Voltage	Output Current	Total Regulation	Max Output Power
VSUU-120-D285	+28VDC	0.39-3.92A	5%	120W
	+5VDC	0.2-2A	5%	120W

Electrical Characteristics

Parameter	Test Conditions	Min.	Typ.	Max.	Unit
Input Voltage		90		264	VAC
Input Frequency		47		63	Hz
Power Factor Correction	I _o =Full load, V _{in} =90~260VAC	0.95	0.97	1.0	
Output Power Range	V _{in} =90 to 264 VAC	0		120	W
Input Current (low line)	I _o =Full load, V _{in} =115VAC			1.7	A
Input Current (high line)	I _o =Full load, V _{in} =230VAC			1.0	A
Low Line Inrush Current	I _o =Full load, 25°C, cool start, V _{in} =115VAC		12	15	A
High Line Inrush Current	I _o =Full load, 25°C, cool start, V _{in} =230VAC		26	30	A
Efficiency	I _o =Full load, V _{in} =230VAC	70	80	88	%
Line Regulation	I _o =Full load		0.5	1	%
Load Regulation	V _{in} =230VAC		3	5	%
Over Voltage Protection		112		132	%
Over Current Protection		110		150	%
Transient Response	I _o =Full load to Half load, V _{in} =100VAC			4	mS
Hold-Up Time	I _o =Full load, V _{in} =110VAC	16	18	20	mS
Start up time	I _o =Full load, V _{in} =100VAC	0.3	1	2	S
Ripple & Noise (Peak to Peak)	Full load, V _{in} =90VAC		1	2	%
Safety Ground Leakage Current	I ₀ =Full load, V _{in} =240VAC		0.4	0.45	mA
Temperature Coefficient	All output	-0.04		0.04	%/°C





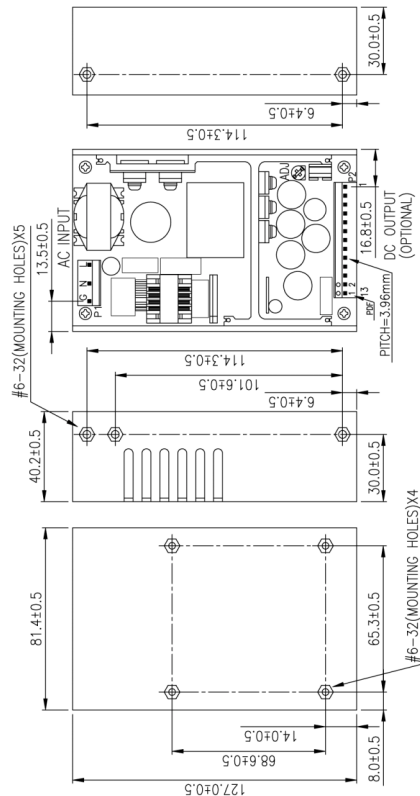
Environmental

Parameter	Test Conditions	Min.	Typ.	Max.	Unit
Operating Temperature		0		70	°C
Storage Temperature		-40		85	°C
Relative Humidity		5		95	%
Derate linearly from 100% load at 50°C to 50% load at 70°C					

Safety Specifications

Parameter	Test Conditions	Min.	Typ.	Max.	Unit
Dielectric withstanding voltage for primary to secondary	Primary to secondary	4242			VDC
Dielectric withstanding voltage for primary to ground	Primary to ground	2121			VDC
Isolation resistance	Test voltage=500VDC	50			M ohms
EMI requirements for CISPR-22	Vin=220VAC	B			Class
EMI requirements for FCC part-15	Vin=110 VAC	B			Class

Mechanical Specifications



PIN	1	2	3	4	5	6	7	8	9	10	11	12	13 (Optional)
MODEL													
VSBU120-1XX-6PIN	OUT	OUT	OUT	RTN	RTN	RTN							PFD
VSBU120-1XX-8PIN	OUT	OUT	OUT	OUT	RTN	RTN	RTN						PFD
VSBU120-1XX-13PIN	OUT	OUT	OUT	OUT	OUT	RTN	RTN	RTN	RTN	RTN	RTN	RTN	PFD

PIN	1	2	3	4	5	6	7	8	9	10	11	12	13 (Optional)
MODEL													
VSBU120-219-6PIN	Vo1	Vo1	COM	COM	COM	Vo2							PFD
VSBU120-2XX-13PIN	Vo2	Vo2	Vo1	Vo1	Vo1	COM	COM	COM	N/C	COM	COM		PFD
VSBU120-3XX-13PIN	Vo2	Vo2	Vo1	Vo1	Vo1	COM	COM	COM	Vo3	COM	COM		PFD

Note: Vo1:Output#1 Vo2:Output#2 Vo3:Output#3

Note:

- Dimensions are shown in inches/mm value.
- Weight: 330~380gs approx.
- Input connector mates with Molex housing 09-50-3051 and Molex 2878 series crimp terminal.
- Output connector mates with Molex housing 09-50-3061 (or 09-50-3081, 09-50-3131) and Molex 2878 series crimp terminal.