

Features:

- Wide Operating Voltage 90 to 264 VAC, 47 to 63 Hz
- Internal EMI filter
- Dual and Triple Output
- Input Surge Current, Over Voltage and Over Load protection
- Output Voltage Protection (Crowbar Design)
- Class I
- 2 year warranty



Electrical Characteristics:

Vin	Safety Approvals Input Voltage Range		100~240VAC
	Operate Voltage Range		90~264VAC
fin	Input Frequency		47~63Hz
Po	Output Power Range		See rating chart
Vo	Output Voltage Range		See rating chart
Io	Output Current Range		See rating chart
Iil	Input Current (Low Line)	Io=Full load, Vin=100VAC	1.0A
		Io=Full load, Vin=240VAC	1.0A
Iih	Input Current (High Line)	Io=Full load, 25°C, Cool start, Vin=115VAC	30A (max.)
		Io=Full load, 25°C, Cool start, Vin=230VAC	60A (max.)
Irr	Low Line Inrush Current	Io=Full Load, Vin=230VAC	74~88%
Eff	Efficiency	Io=Full Load	0.5~1%
REG-i	Line Regulation	Io=Full Load	5~10%
REG-o	Load Regulation	Vin=230VAC	112~132%
OVP	Over Voltage Protection		110~150%
OCP	Over Current Protection		4mS (max.)
Ttr	Time of Transient Response	Io=Full Load to Half Load, Vin=100VAC	12mS (min.)
Th	Hold-Up Time	Io=Full Load, Vin=110VAC	2S (max.)
Ts	Start Up Time	Io=Full Load, Vin=100VAC	1% (max.)
Vp-p	Ripple & Noise(Peak to Peak)	Full Load, Vin=90VAC	0.75mA (max.)
Ilk	Safety Ground Leakage Current	Vin=240VAC/60Hz	±0.04%/°C
TC	Temperature Coefficient	All output	See rating chart
Pno	No-Load Power Consumption	No load, Vin=230VAC	4242VDC (min.)
Vps	Dielectric Withstanding Voltage	Primary to secondary	2506VDC (min.)
Vpg	Dielectric Withstanding Voltage for Primary to PE	Primary to PE	50MΩ (min.)
Ris	Isolation Resistance	Test Voltage=500VDC	

Environmental

To	Operating Temperature	See derating curve
Ts	Storage Temperature	-40~85°C
Ho	Operating Humidity	0~95%
Hr	Storage Humidity	0~95%
MTBF	Operating Temperature at 25°C, Calculated per MIL-HDBK-217F	0.1M Hrs (min.)
Pd	Derate linearly from 100% load at 50°C to 50% load at 70°C	

Application:

- Monitor
- Industrial PC
- Set-top box
- AV equipment
- CCD recorder

Safety Approvals:

c us



UL/c-UL(UL 60950-1:2nd Edition)
TUV/GS(EN 60950-1:2nd Edition)

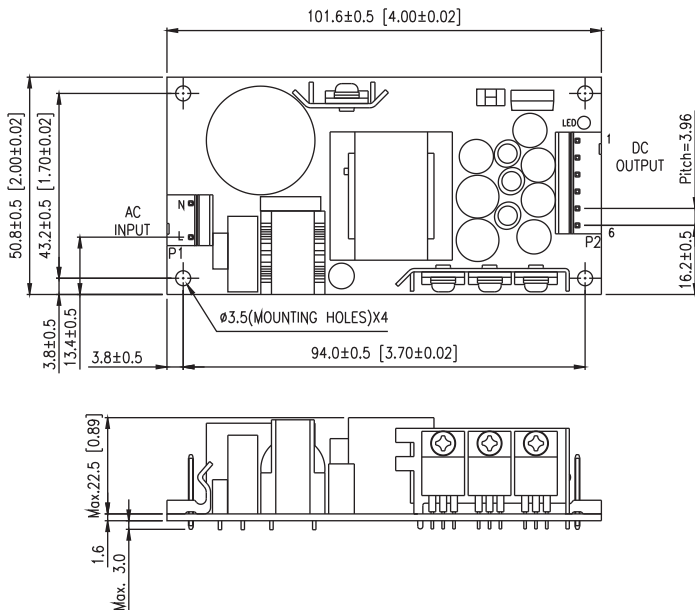
Output Voltage And Current Rating Chart (Multi Output) :

Model Number	Output #1				Output #2				Output #3				Max. Output Power	Pno(max.)
	Vonom	Iomin	Iomax	Regmax	Vonom	Iomin	Iomax	Regmax	Vonom	Iomin	Iomax	Regmax		
SBU41-200	+3.3V	0.5A	5.00A	7%	+12V	0.2A	2.00A	5%					40W	3W
SBU41-201	+5.0V	0.5A	5.00A	5%	+12V	0.2A	2.00A	5%					40W	3W
SBU41-202	+5.0V	0.5A	5.00A	5%	+15V	0.15A	1.50A	5%					40W	3W
SBU41-203	+5.0V	0.5A	5.00A	5%	+24V	0.1A	1.00A	5%					40W	3W
SBU41-209	+12V	0.3A	3.00A	5%	-12V	0.1A	1.00A	5%					40W	3W
SBU41-210	+15V	0.2A	2.00A	5%	-15V	0.1A	1.00A	5%					40W	3W
SBU41-300	+3.3V	0.5A	5.00A	7%	+12V	0.2A	2.00A	5%	-12V	0.08A	0.8A	10%	40W	3W
SBU41-301	+5.0V	0.35A	3.50A	5%	+12V	0.2A	2.00A	5%	-5V	0.08A	0.8A	5%	40W	3W
SBU41-302	+5.0V	0.35A	3.50A	5%	+12V	0.2A	2.00A	5%	-12V	0.10A	0.6A	10%	40W	3W
SBU41-303	+5.0V	0.35A	3.50A	5%	+15V	0.2A	2.00A	5%	-15V	0.08A	0.8A	10%	40W	3W
SBU41-304	+5.0V	0.35A	3.50A	5%	+24V	0.1A	1.00A	5%	-24V	0.05A	0.5A	10%	40W	3W
SBU41-305	+5.0V	0.35A	3.50A	5%	+24V	0.1A	1.00A	5%	-12V	0.08A	0.8A	10%	40W	3W
SBU41-306	+3.3V	0.5A	5.00A	7%	+12V	0.2A	2.00A	5%	-5V	0.08A	0.8A	10%	40W	3W

PIN CHART

PIN MODEL	1	2	3	4	5	6
SBU41-1XX	Vo3	COM	COM	Vo1	Vo1	Vo2

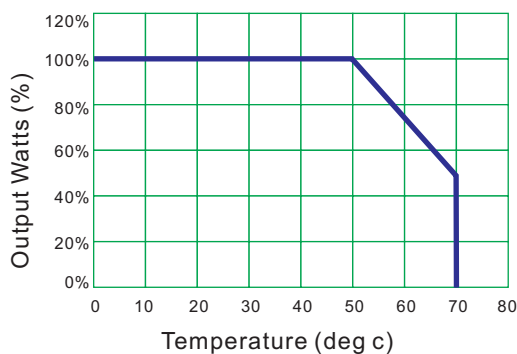
Mechanical Specifications:



Note:

1. Dimensions are shown in inches or mm .
2. Weight: 145gs approx.
3. Input connector mates with Molex housing 09-52-4034 and Molex 2478 series crimp terminal.

Derating Curve :



1. Operating Temperature: 0 to 70°C
2. Derate linearly from 100% load at 50°C to 50% load at 70°C

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