SPECIFICATIONS

BB026-01-01

POWER SUPPLY UNIT

1. APPLICATION

   This specifications are only applied to Power Supply Unit mounted on your system.

2. TYPE

   APS75-30

3. Specifications

   Refer to BB026-01-02_~.

4. Outline

   Refer to outline drawing.

5. Warranty

   18 month warranty,
   Warranty applies to operation at specifications at end of 18 month after shipment.

APS75-30

SPECIFICATIONS

BB026-01-02A

	ITEMS / MODEL			APS75-30
1	Nominal Output Voltage		V	30
2	Minimum Output Current		A	0
3	Maximum Output Current		A	2.4
4	Maximum Output Power		W	72
5	Efficiency (Typ)	(*1)	%	80
6	Input Voltage Range	(*2)	-	85~264VAC
7	Input Frequency		Hz	50/60 (47~63)
8	Input Current (100/200VAC)(Typ)		A	1.9/1.2 (1.6A at 115VAC)
9	Inrush Current(Typ)	(*3)	A	18A at 100VAC, 40A at 230VAC,Ta = 25°C,Cold Start
10	Output Voltage Range		-	Fixed
11	Maximum Ripple & Noise	(*4)	-	150mVpp
12	Initial Setting Voltage	(*1)	%	± 1
13	Maximum Line & Load & temperature Regulation	(*5)	%	± 2
14	Over Current Protection	(*6)	A	2.8 ~ 4.8 More than 0.36A at 5V
15	Over Voltage Protection(Typ)	(*7)	%	115 ~
16	Leakage Current	(*8)	-	0.2mA (TYP) at 100VAC/0.45mA(TYP) at 230VAC
17	Hold-up Time (Typ)	(*9)	-	20ms at 100VAC
18	Operating Temperature	(*10)	-	-10°C~+50°C : 100% , +55°C : 70%
19	Operating Humidity		-	30~90%RH (No dewdrop)
20	Storage Temperature		-	-30°C~+85°C
21	Storage Humidity		-	10~95%RH (No dewdrop)
22	Cooling		-	Convection Cooling
23	Withstand Voltage		-	Input-FG : 2kVAC (20mA), Input-Output : 3kVAC (20mA), Output-FG : 500VDC (100mA) for 1min
24	Isolation Resistance		-	More than 100MΩ at 25°C and 70%RH , Output-FG…500VDC
25	Vibration		-	Mounting DIN rail : 10~55Hz, Half-wave Amplitude 0.5mm(1hour) Mounting screw : 10~55Hz,Half-waveAmplitude 1mm(1hour)
26	Shock		-	Mounting DIN rail : 150m/s^2(11ms), Mounting screw : 300m/s^2(18ms)
27	Safety		-	UL1950,UL508,CSA950,EN60950 EN50295
28	Conducted Emission		-	Built to meet EN55011/EN55022-B, FCC-classB,VCCI-B
29	Radiated Emission		-	Built to meet EN55011/EN55022-B, FCC-classB,VCCI-B
30	Immunity		-	Built to meet EN50082-2, EN610004-2,EN610004-3,EN610004-4,EN610004-5,EN610004-6
31	Impulse Noise Simulation		-	Noise Voltage : 2kV(Nomal,Common) , Pulse Width : 1us (Pulse Rise 1ns)
32	Degree of Protection		-	IP20
33	Weight(Typ.)		g	620
34	Size (WxHxD)		mm	45x135x105 (Refer to Outline Drawing)

=NOTES=

*1 At 100/200VAC,Ta = 25°C and maximum output power.

*2 For cases where conformance to various safety specs (UL,CSA,EN) are required, input voltage range will be 100~240VAC(50/60Hz).

*3 Not applicable for the in-rush current to Noise Filter less than 0.2ms.

*4 Measure with JEITA RC-9131 probe, Bandwise of scope : 100MHz, and Please refer to Fig.A for measurement of ripple voltage.

*5 85~264VAC,constant load at Line Regulation.
No load-full load at Load Regulation.

*6 Constant current limit with automatic recovery. Avoid to operate over load or dead short for 30seconds.

*7 OVP circuit will shutdown output, manual reset.

*8 Measure by the each measuring method of UL,CSA,EN (at 60Hz).

*9 At 100VAC maximum output current.

*10 Refer to OUTPUT DERATING CURVE (BB026-01-03_)

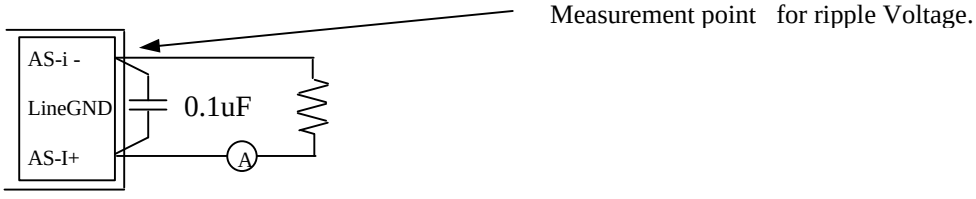


Fig. A

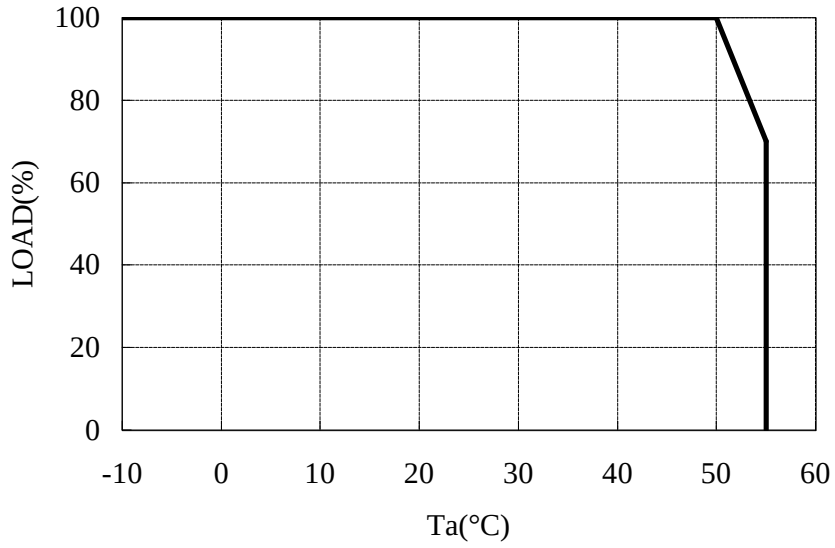
SPECIFICATIONS

BB026-01-03

STANDARD MOUNTING

Ta (°C)	LOAD (%)
-10~ +50	100
+55	70

OUTPUT DERATING CURVE



MOUNTING : STANDARD MOUNTING ONLY