







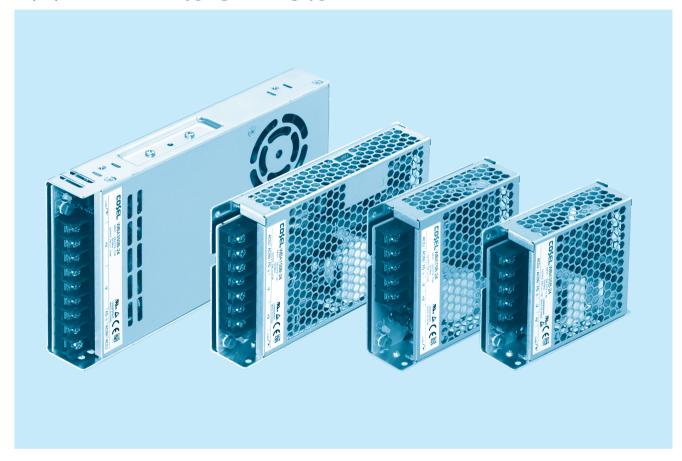








WBA-series



Feature

Wide input 170 - 305VAC (Accepts 230/277VAC Nominal Inputs) Wide temperature range (-20 $^{\circ}\text{C}$ to +70 $^{\circ}\text{C}$, Derating is required) Operating altitude up to 5000 meters

4kV isolation

Low-profile

Economical design

Complies with SEMI F47 (See Instruction Manual)

Safety agency approvals

UL62368-1, EN62368-1, C-UL (CAN/CSA-C22.2 No.62368-1)

CE marking

Low Voltage Directive RoHS Directive

5-year warranty (See Instruction Manual)

EMI

Complies with CISPR32-B, EN55032-B and EN55011-B (WBA350B: Class A In radiated noise, it can meet class B by additional EMI/EMC filter.)

EMS Compliance : EN61204-3, EN61000-6-2 IEC60601-1-2 (2014), EN60601-1-2 (2015)

EN61000-4-2

EN61000-4-3

EN61000-4-4

EN61000-4-5

EN61000-4-6 EN61000-4-8

EN61000-4-11

WBA-1

Ordering information

WBA35B

35 B -

WBA

CALUS DCECK **RoHS**



- ①Series name ②Single output ③Output wattage
- (4)230/277VAC input
- ⑤Output voltage

- Optional: *5
 C: With Coating
 G: Low leakage current
 - T1: Horizontal terminal block

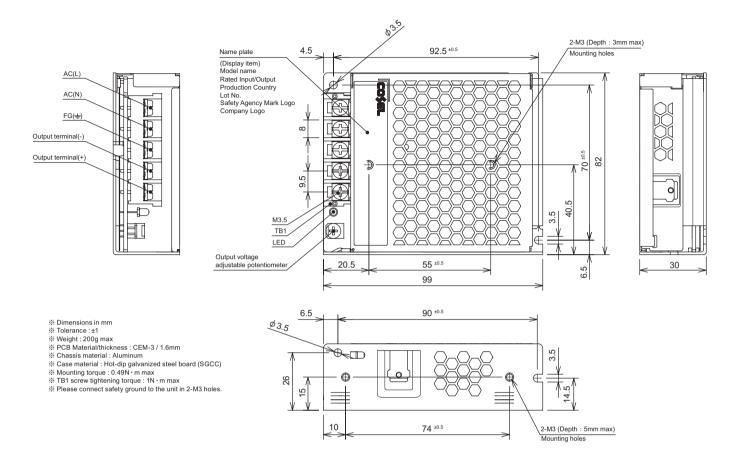
*Make sure necessary tests will be carried out on your end equipment with the power supply installed in accordance with any required EMC/EMI regulations.

MODEL	WBA35B-5	WBA35B-12	WBA35B-24	WBA35B-48
MAX OUTPUT WATTAGE[W]	35	36	36	38.4
DC OUTPUT	5V 7A	12V 3A	24 1.5A	48V 0.8A

	MODEL		WBA35B-5	WBA35B-12	WBA35B-24	WBA35B-48				
	VOLTAGE[V]		AC170 - 305 1φ							
	CURRENT[A]		0.4							
ŀ	FREQUENCY[Hz]		50/60 (47-63)							
INPUT	EFFICIENCY[0/1	ACIN 230V	81typ	85typ	87typ	88typ				
	EFFICIENCY[%]	ACIN 277V	81typ	85typ	87typ	88typ				
	INDUCTION OF DEPARTMENT	ACIN 230V	40typ Ta=25℃ (at cold start	71						
	INRUSH CURRENT[A]	ACIN 277V	50typ Ta=25°C (at cold start)							
	LEAKAGE	ACIN 240V	0.5max							
	CURRENT[mA]	ACIN 277V	0.75max							
ļ	VOLTAGE[V]		5	12	24	48				
ŀ	CURRENT[A]		7	3	1.5	0.8				
	WATTAGE[W]		35	36	36	38.4				
	LINE REGULATION[n	nV] *1	50max	120max	240max	480max				
ŀ	LOAD REGULATION[mV] *1	50max	120max	240max	480max				
OUTPUT	RIPPLE NOISE [mVp-p] *2	lo=100%	150max (Bandwidth 20MHz))						
OUIFUI	TEMPERATURE REGULATION[mV]	0~+50℃	100max	180max	360max	720max				
<u> </u>	START-UP TIME[ms]		100typ							
		ACIN 230V								
ŀ		ACIN 277V	60typ							
ŀ	OUTPUT VOLTAGE ADJUSTMENT RANGE[V]		4.5 to 5.5	10.8 to 13.2	21.6 to 26.4	43.2 to 52.8				
	OUTPUT VOLTAGE SETTING[V]		4.9 to 5.3	11.75 to 12.25	23.5 to 24.5	47.0 to 49.0				
PROTECTION	OVERCURRENT PROTEC	CTION [A]	Works over 105% of rating and recovers automatically							
CIRCUIT AND	OVERVOLTAGE PROTE	CTION[V]	5.75 to 7.00	13.8 to 16.8	27.6 to 33.6	54.0 to 67.2				
OTHERS	OPERATING INDICAT	TION	LED (Green)							
ŀ	INPUT-OUTPUT		AC4,000V 1minute, Cutoff cu	urrent = 10mA, DC500V 50	$0 \mathrm{M}\Omega$ min (At Room Temper	ature)				
ISOLATION	INPUT-FG		AC2,000V 1minute, Cutoff cu	urrent = 10mA, DC500V 50	$M\Omega$ min (At Room Tempera	ature)				
	OUTPUT-FG		AC500V 1minute, Cutoff current = 100mA, DC500V 50MΩ min (At Room Temperature)							
	OPERATING TEMP.,F	HUMID.*3	-20 to +70°C, 20 - 90%RH (Non condensing)							
ENVIRONMENT	STORAGE TEMP.,HU	MID.	-20 to +75°C, 20 - 90%RH (Non condensing)							
E.T. III OTTIMENT	VIBRATION	_	10 - 55Hz, 19.6m/s² (2G) , 3minutes period, 60minutes each along X, Y and Z axis							
	IMPACT		196.1m/s² (20G) , 11ms, once each X, Y and Z axis							
SAFETY AND	AGENCY APPROVAL	.S	UL62368-1, C-UL (equivalen		2368-1), EN62368-1					
EMC	EMC EMISSON		Complies with CISPR32 (EN							
	EMC EMMUNITY		Complies with EN61000-4-2	, 3, 4, 5, 6, 8, 11						
OTHERS	CASE SIZE/WEIGHT		30×82×99mm (W×H×D)/	200g max						
CHILITO	COOLING METHOD		Convection							
WARRANTY	WARRANTY	*4	5 years (subject to the opera	iting conditions)						

- *1 Consult us about dynamic load and input response. Measure the output voltage by using the average mode of the tester to deal with the burst operation at low (lo=0~20%Atyp)
- *2 This is the result of measurement of the testing board with capacitors of $47\mu F$ and $0.1\mu F$ placed at 150 mm from the output terminals by a 20MHz oscilloscope or a ripple-noise meter equivalent to Keisoku-GikenRM104.
 - When the load factor is low (lo=0~20%Atyp), the switching power loss is reduced by burst operation, which will cause ripple noise to go beyond the specifications.
- *3 Output power derating is required. Refer to "Derating"

- *4 Consult us about details.
- *5 The listed options may affect the published standard specifications. Please contact us for detailed product specifications and safety approvals.
 - All parameters not specially mentioned are measured at ACIN 230V, rated load and 25 $^{\circ}\mathrm{C}$ of ambient temperature.
- Do not use the power supply in overcurrent conditions or in unspecified input voltage ranges. Otherwise the internal components may be damaged.
- Parallel operation is not possible with this model.
- Acoustic noise may be heard from the power supply when used for pulse load.



Derating Curve

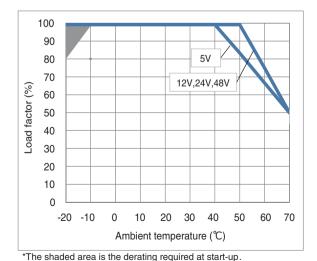


Fig.1 Derating curve depending on ambient temperature

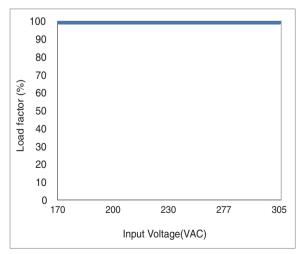


Fig.2 Derating curve depending on input voltage

[■]The ambient temperature should be measured 5 to 10 cm away from the power supply so that it won't be influenced by the heat from the power supply. Please consult us for more details.

WBA75B

Ordering information

75 B -

WBA

CALUS DCECK **RoHS**



- ①Series name ②Single output ③Output wattage
- (4)230/277VAC input
- ⑤Output voltage
- Optional: *5
 C: With Coating
 G: Low leakage current

- T1: Horizontal terminal block

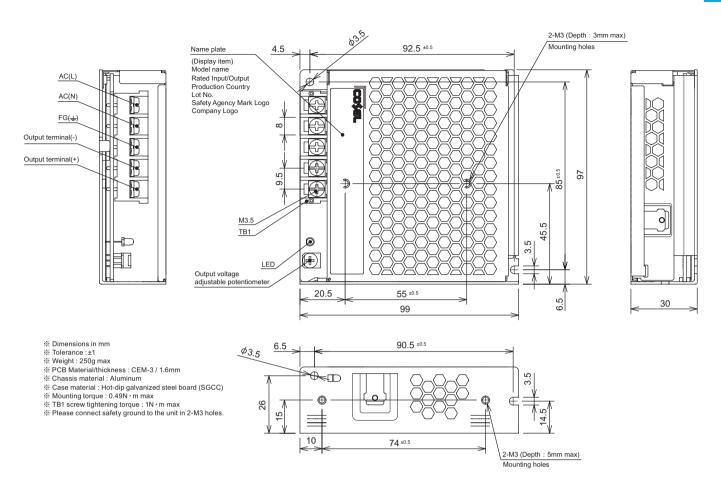
*Make sure necessary tests will be carried out on your end equipment with the power supply installed in accordance with any required EMC/EMI regulations.

MODEL	WBA75B-12	WBA75B-24	WBA75B-48
MAX OUTPUT WATTAGE[W]	72	76.8	76.8
DC OUTPUT	12V 6A	24V 3.2A	48V 1.6A

	MODEL		WBA75B-12	WBA75B-24	WBA75B-48					
	VOLTAGE[V]		AC170 - 305 1Φ							
	CURRENT[A]		0.8							
	FREQUENCY[Hz]		50/60 (47-63)							
	EFFICIENCY[%]	ACIN 230V	85typ	88typ	89typ					
INPUT	EFFICIENCI[%]	ACIN 277V	85typ	88typ	89typ					
	INRUSH CURRENT[A]	ACIN 230V	0typ Ta=25℃ (at cold start)							
	INNOSH CONNENT[A]	ACIN 277V	50typ Ta=25℃ (at cold start)	21						
	LEAKAGE	ACIN 240V	·							
	CURRENT[mA]	ACIN 277V	0.75max							
	VOLTAGE[V]		12	24	48					
	CURRENT[A]		6	3.2	1.6					
	WATTAGE[W]		72	76.8	76.8					
	LINE REGULATION[n		120max	240max	480max					
	LOAD REGULATION		120max	240max	480max					
OUTPUT	RIPPLE NOISE [mVp-p] *2									
	TEMPERATURE REGULATION[mV]	0~+50℃	180max	360max	720max					
	START-UP TIME[ms]		100typ							
	HOLD-HD TIME[mc]	ACIN 230V								
		ACIN 277V	60typ	1						
	OUTPUT VOLTAGE ADJUSTMENT RANGE[V]		10.8 to 13.2	21.6 to 26.4	43.2 to 52.8					
	OUTPUT VOLTAGE SETT		11.75 to 12.25	23.5 to 24.5	47.0 to 49.0					
PROTECTION	OVERCURRENT PROTEC		Works over 105% of rating and recovers automatically							
CIRCUIT AND OTHERS	OVERVOLTAGE PROTE			27.6 to 33.6	55.2 to 67.2					
OTHERS	OPERATING INDICAT	ION	LED (Green)	A DOSON/ 50MO : /M.D. T						
1001 471011	INPUT-OUTPUT		AC4,000V 1minute, Cutoff current = 10mA, DC500V 50MΩ min (At Room Temperature)							
ISOLATION	INPUT-FG		AC2,000V 1minute, Cutoff current = 10mA, DC500V 50MΩ min (At Room Temperature)							
	OUTPUT-FG OPERATING TEMP.,F	IIIMID *2	AC500V 1minute, Cutoff current = 100mA, DC500V 50MΩ min (At Room Temperature)							
	STORAGE TEMP.,HU		-20 to +70°C, 20-90%RH (Non condensing) -20 to +75°C, 20-90%RH (Non condensing)							
ENVIRONMENT	VIBRATION	IVIID.	-20 to +/5 C, 20-90%RH (Non condensing) 10-55Hz, 19.6m/s² (2G) , 3minutes period, 60minutes each along X, Y and Z axis							
	IMPACT	-	196.1m/s² (20G), 311ms, once each X, Y and Z axis							
	AGENCY APPROVAL	<u> </u>								
SAFETY AND	EMC EMISSON		UL62368-1, C-UL (equivalent to CAN/CSA-C22.2 No.62368-1), EN62368-1 Complies with CISPR32 (EN55032) class B							
EMC	EMC EMMUNITY		Complies with EN61000-4-2, 3, 4, 5, 6.							
	CASE SIZE/WEIGHT		30×97×99mm (W×H×D) / 250g max	<u></u>						
OTHERS	COOLING METHOD		Convection							
WARRANTY	WARRANTY	*4	5 years (subject to the operating condi	tions)						
			1 · / ()							

- Consult us about dynamic load and input response. Measure the output voltage by using the average mode of the tester to deal with the burst operation at low (lo=0~20%Atyp)
- *2 This is the result of measurement of the testing board with capacitors of $47 \mu F$ and $0.1 \mu F$ placed at 150 mm from the output terminals by a 20MHz oscilloscope or a ripple-noise meter equivalent to Keisoku-GikenRM104.
 - When the load factor is low (lo=0~20%Atyp), the switching power loss is reduced by burst operation, which will cause ripple noise to go beyond the specifications.
- *3 Output power derating is required. Refer to "Derating"

- *4 Consult us about details
- *5 The listed options may affect the published standard specifications. Please contact us for detailed product specifications and safety approvals.
 - All parameters not specially mentioned are measured at ACIN 230V, rated load and 25 $^{\circ}\mathrm{C}$ of ambient temperature.
- Do not use the power supply in overcurrent conditions or in unspecified input voltage ranges. Otherwise the internal components may be damaged.
- Parallel operation is not possible with this model.
- Acoustic noise may be heard from the power supply when used for pulse load.



Derating Curve

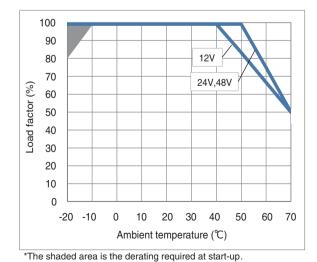


Fig.1 Derating curve depending on ambient temperature

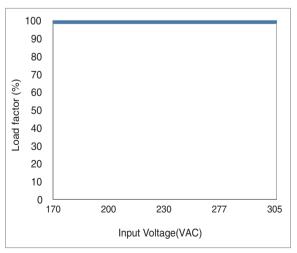


Fig.2 Derating curve depending on input voltage

[■]The ambient temperature should be measured 5 to 10 cm away from the power supply so that it won't be influenced by the heat from the power supply. Please consult us for more details.

Ordering information

WBA150B

150 B

WBA

CALUS DCECK **RoHS**



- ①Series name ②Single output ③Output wattage
- (4)230/277VAC input
- ⑤Output voltage
- GOttonal : *5
 C: With Coating
 G: Low leakage current
 T1: Horizontal terminal block

*Make sure necessary tests will be carried out on your end equipment with the power supply installed in accordance with any required EMC/EMI regulations.

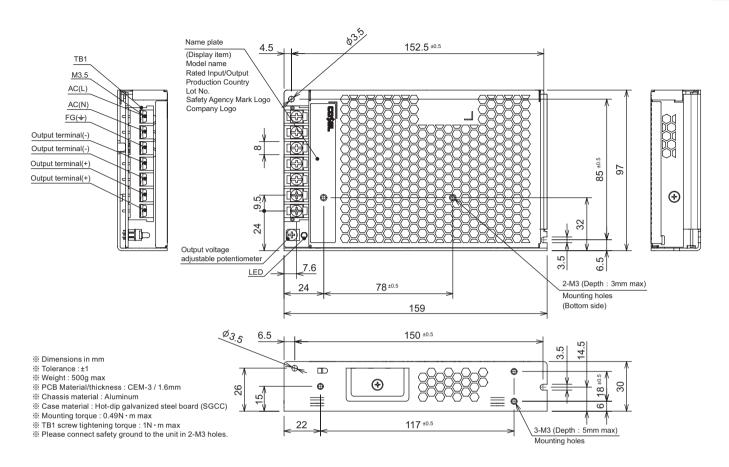
MODEL	WBA150B-12	WBA150B-24	WBA150B-48
MAX OUTPUT WATTAGE[W]	150	156	158.4
DC OUTPUT	12V 12.5A	24V 6.5A	48V 3.3A

	MODEL		WBA150B-12	WBA150B-24	WBA150B-48				
	VOLTAGE[V]		AC170 - 305 1Φ						
	CURRENT[A]		1.7						
	FREQUENCY[Hz]		50/60 (47-63)						
	EEEIOIENOVIO/1	ACIN 230V	86typ	89typ	90typ				
INPUT	EFFICIENCY[%]	ACIN 277V	86typ	89typ	90typ				
	INDUCH CUDDENTIAL	ACIN 230V	Otyp Ta=25℃ (at cold start)						
	INRUSH CURRENT[A]	ACIN 277V	0typ Ta=25℃ (at cold start)						
	LEAKAGE	ACIN 240V							
	CURRENT[mA]	ACIN 277V	0.75max						
	VOLTAGE[V]		12	24	48				
CURRENT	CURRENT[A]		12.5	6.5	3.3				
	WATTAGE[W]		150	156	158.4				
	LINE REGULATION[n	1 V] *1	120max	240max	480max				
	LOAD REGULATION[120max	240max	480max				
OUTPUT	RIPPLE NOISE [mVp-p] *2		150max (Bandwidth 20MHz)						
0011.01	TEMPERATURE REGULATION[mV]	0~+50 ℃	180max	360max	720max				
	START-UP TIME[ms]		500typ						
	HOLD-HD TIME[mc]	ACIN 230V	- 71						
		ACIN 277V	40typ						
	OUTPUT VOLTAGE ADJUSTMENT RANGE[V]		10.8 to 13.2	21.6 to 26.4	43.2 to 52.8				
	OUTPUT VOLTAGE SETTING[V]		11.75 to 12.25	23.5 to 24.5	47.0 to 49.0				
PROTECTION	OVERCURRENT PROTEC		Works over 105% of rating and recover						
CIRCUIT AND	OVERVOLTAGE PROTE			27.6 to 33.6	55.2 to 67.2				
OTHERS	OPERATING INDICAT	ION	LED (Green)						
	INPUT-OUTPUT		AC4,000V 1minute, Cutoff current = 10mA, DC500V 50M Ω min (At Room Temperature)						
ISOLATION	INPUT-FG		AC2,000V 1minute, Cutoff current = 10mA, DC500V 50M Ω min (At Room Temperature)						
	OUTPUT-FG		AC500V 1minute, Cutoff current = 100mA, DC500V 50MΩ min (At Room Temperature)						
	OPERATING TEMP.,F		, ,						
ENVIRONMENT	STORAGE TEMP.,HU	MID.	-20 to +75°C, 20-90%RH (Non condensing)						
	VIBRATION		10 - 55Hz, 19.6m/s² (2G), 3minutes period, 60minutes each along X, Y and Z axis						
	IMPACT	_	196.1m/s² (20G) , 11ms, once each X, Y and Z axis						
SAFETY AND	AGENCY APPROVAL	5	UL62368-1, C-UL (equivalent to CAN/C						
EMC	EMC EMISSON		Complies with CISPR32 (EN55032) cla						
	EMC EMMUNITY		Complies with EN61000-4-2, 3, 4, 5, 6,	<u></u>					
OTHERS	CASE SIZE/WEIGHT		30×97×159mm (W×H×D) / 500g ma:	X					
14/40041/27/	COOLING METHOD		Convection	4:					
WARRANTY	WARRANTY	*4	5 years (subject to the operating condi	tions)					

- Consult us about dynamic load and input response. Measure the output voltage by using the average mode of the tester to deal with the burst operation at low (Io=0~20%Atyp)
- *2 This is the result of measurement of the testing board with capacitors of $47 \mu \, F$ and $0.1 \mu \, F$ placed at 150 mm from the output terminals by a 20MHz oscilloscope or a ripple-noise meter equivalent to Keisoku-GikenRM104.
- When the load factor is low (lo=0 $\sim\!20\%$ Atyp), the switching power loss is reduced by burst operation, which will cause ripple noise to go beyond the specifications.

 *3 Output power derating is required. Refer to "Derating"

- *4 Consult us about details
- *5 The listed options may affect the published standard specifications. Please contact us for detailed product specifications and safety approvals.
 - All parameters not specially mentioned are measured at ACIN 230V, rated load and 25°C of ambient temperature.
- Do not use the power supply in overcurrent conditions or in unspecified input voltage ranges. Otherwise the internal components may be damaged. Parallel operation is not possible with this model.
- Acoustic noise may be heard from the power supply when used for pulse load.



Derating Curve

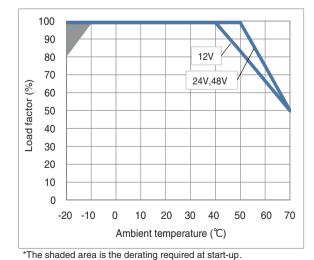


Fig.1 Derating curve depending on ambient temperature

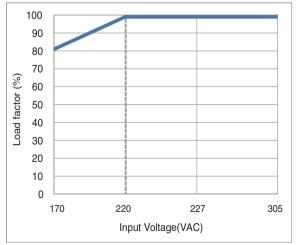


Fig.2 Derating curve depending on input voltage

[■]The ambient temperature should be measured 5 to 10 cm away from the power supply so that it won't be influenced by the heat from the power supply. Please consult us for more details.

WBA350B

350

WBA





- ①Series name ②Single output ③Output wattage
- (4)230/277VAC input
- ⑤Output voltage

- GOtton Voltage

 © Optional: *6
 C: With Coating
 G: Low leakage current
 T1: Horizontal terminal block

*Make sure necessary tests will be carried out on your end equipment with the power supply installed in accordance with any required EMC/EMI regulations. *Please note that the unit's internal components is damaged if the output is short-circuit.

MODEL	WBA350B-12	WBA350B-24	WBA350B-36	WBA350B-48
MAX OUTPUT WATTAGE[W]	348	350.4	349.2	350.4
DC OUTPUT	12V 29A	24V 14.6A	36V 9.7A	48V 7.3A

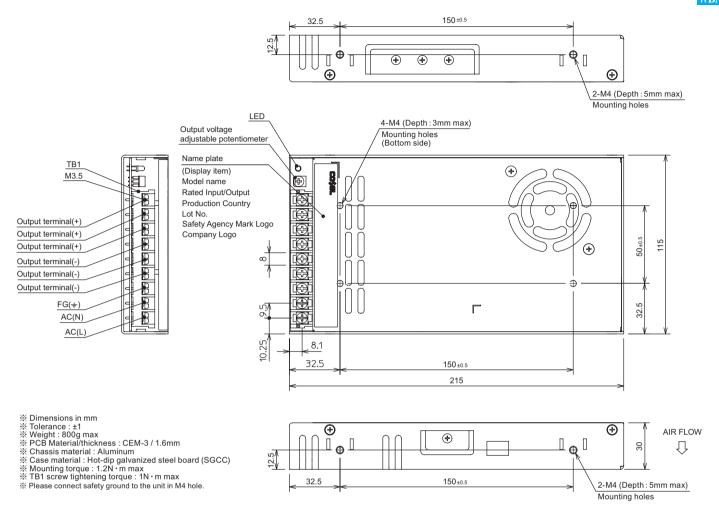
	MODEL		WBA350B-12	WBA350B-24	WBA350B-36	WBA350B-48			
	VOLTAGE[V]		AC170 - 305 1φ						
	CURRENT[A]		3.3						
	FREQUENCY[Hz]		50/60 (47-63)						
INPUT	EFFICIENCY[%]	ACIN 230V	86typ	88typ	89typ	89typ			
	EFFICIENCI[%]	ACIN 277V	86typ	88typ	89typ	89typ			
	INRUSH CURRENT[A]	ACIN 230V	40typ Ta=25℃ (at cold start)	<u> </u>					
	INNUSTI CUNNENT[A]	ACIN 277V	50typ Ta=25°C (at cold start)						
	LEAKAGE	ACIN 240V	0.5max						
	CURRENT[mA]	ACIN 277V	0.75max						
	VOLTAGE[V]		12	24	36	48			
	CURRENT[A]		29	14.6	9.7	7.3			
	WATTAGE[W]		348	350.4	349.2	350.4			
	LINE REGULATION[n	nV] *1	120max	240max	360max	480max			
	LOAD REGULATION	mV] *1	120max	240max	360max	480max			
OUTPUT	RIPPLE NOISE [mVp-p] *2	lo=100%	150max (Bandwidth 20MHz)						
001101	TEMPERATURE REGULATION[mV]	0~+50 ℃	180max	360max	540max	720max			
	START-UP TIME[ms]		1300typ						
	HOLD-UP TIME[ms] ACIN 230V	ACIN 230V	12typ						
	TIOLD OF TIME[III3]	ACIN 277V	20typ						
	OUTPUT VOLTAGE ADJUSTMENT RANGE[V]		10.8 to 13.2	21.6 to 26.4	32.4 to 39.6	43.2 to 52.8			
	OUTPUT VOLTAGE SETTING[V]		11.75 to 12.25	23.5 to 24.5	35.0 to 37.0	47.0 to 49.0			
PROTECTION	OVERCURRENT PROTEC		Works over 105% of rating and recovers automatically						
CIRCUIT AND	OVERVOLTAGE PROTE	CTION[V]	13.8 to 16.8	27.6 to 33.6	41.4 to 50.4	55.2 to 67.2			
OTHERS	OPERATING INDICAT	ION	LED (Green)						
	INPUT-OUTPUT		AC4,000V 1minute, Cutoff current = 10mA, DC500V 50MΩ min (At Room Temperature)						
ISOLATION	INPUT-FG				Ω min (At Room Temperature)			
	OUTPUT-FG		AC500V 1minute, Cutoff current = 100mA, DC500V 50M Ω min (At Room Temperature)						
	OPERATING TEMP.,F		-20 to +70°C, 20-90%RH (Non condensing)						
ENVIRONMENT	STORAGE TEMP.,HU	MID.	-20 to +75°C, 20-90%RH (Non condensing)						
	VIBRATION		10 - 55Hz, 19.6m/s² (2G) , 3minutes period, 60minutes each along X, Y and Z axis						
	IMPACT		196.1m/s² (20G), 11ms, once each X, Y and Z axis						
SAFETY AND	AGENCY APPROVAL	.s	, , ,	t to CAN/CSA-C22.2 No.623					
EMC	EMC EMISSON				oise), class A (Radiated noise) *5			
	EMC EMMUNITY		Complies with EN61000-4-2						
OTHERS	CASE SIZE/WEIGHT		115×30×215mm (W×H×D)						
	COOLING METHOD		Forced cooling (internal fan)						
WARRANTY	WARRANTY	*4	5 years (subject to the opera	ting conditions)					

- *1 Consult us about dynamic load and input response.
- *2 This is the result of measurement of the testing board with capacitors of $47\mu F$ and $0.1\mu F$ placed at 150 mm from the output terminals by a 20MHz oscilloscope or a ripple-noise
- meter equivalent to Keisoku-GikenRM104. *3 Output power derating is required. Refer to "Derating"
 *4 Consult us about details.
- *5 Radiated noise can meet class B by additional EMI/EMC filter.
- *6 The listed options may affect the published standard specifications. Please contact us for detailed product specifications and safety approvals.
- All parameters not specially mentioned are measured at ACIN 230V, rated load and 25°C of ambient temperature.
- Do not use the power supply in overcurrent conditions or in unspecified input voltage ranges. Otherwise the internal components may be damaged.
- Parallel operation is not possible with this model.

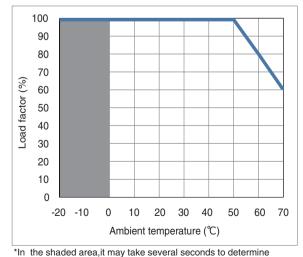
 Acoustic noise may be heard from the power supply when used for pulse load.

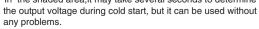


External view



Derating Curve





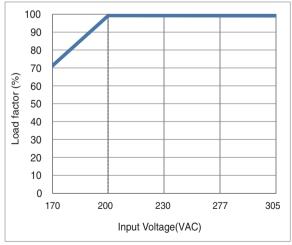


Fig.2 Derating curve depending on input voltage

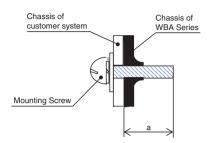
■The ambient temperature should be measured 5 to 10 cm away from the power supply so that it won't be influenced by the heat from the power supply. Please consult us for more details.

Fig.1 Derating curve depending on ambient temperature

WBA

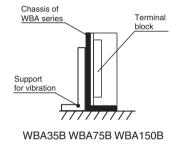
Assembling and Installation Method

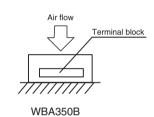
■To keep enough isolation between screws and internal components, the length of the mounting screw should not exceed recommendation as shown in the figure.



Model	Mounting screw	Mounting hole	a (Max penetration length)
WBA35B WBA75B	M3	Bottom	3mm max
WBA150B	IVIS	Side	5mm max
WPASEOR	M4	Bottom	3mm max
WBA350B	1014	Side	5mm max

■In order to withstand vibrations and impact, support which is shown in the figure is necessary.





- ■If you use two or more power supplies side by side, please keep a sufficient distance between them to allow enough air ventilation.
- ■Ambient temperature around each power supply should not exceed the temperature range shown in the derating curve.
- ■The unit has cooling fan. (WBA350B)

 Ensure that the inlet and outlet vents are not blocked.

Instruction Manual

■Please read the "Instruction Manual" and "Before using our product" before you use our product.

Instruction Manual https://www.coselasia.com/product/index01#post-5-1643

Before using our product https://en.cosel.co.jp/technical/caution/index.html





Basic Characteristics Data

		Switching Input	Input	Input Rated	Inrush	PCB/Pattern			Parallel
Model Circuit method	frequency [kHz]	current [A]	input fuse	current protection circuit	Material	Single sided	Double sided	operation	
WBA35B	Flyback converter	50 to 120	0.4	300V 2.5A	Thermistor	CEM-3	Yes		No
WBA75B	Flyback converter	50 to 120	0.8	300V 2.5A	Thermistor	CEM-3	Yes		No
WBA150B	Flyback converter	50 to 120	1.7	300V 6.3A	Thermistor	CEM-3	Yes		No
WBA350B	Forwrad converter	65	3.3	300V 6.3A	Thermistor	CEM-3	Yes		No

WBA-10 August 6, 2021