



Switching Mode Power Supplies

NEW TECHNOLOGY
& QUALITY INNOVATION
PUBLICATION DATE, 2013



BK 15XG SERIES

15 Watts AC-DC SMPS
98(L) 64(W) 32(H) mm
Standard Specifications

CE 인증



Single Output

MODEL (Standard Model)

MODEL	OUTPUT		SIZE (mm)	WEIGHT (kg)
	VOLTAGE	CURRENT		
BK 15XG - 5	5 V	3 A	L : 98 mm W : 64 mm H : 32 mm	0.215 kg
BK 15XG - 9	9 V	1.7 A		
BK 15XG - 12	12 V	1.3 A		
BK 15XG - 15	15 V	1 A		
BK 15XG - 24	24 V	0.7 A		

Input Specification

INPUT VOLTAGE	95 - 265Vac (FREE VOLTAGE)
FREQUENCY (Hz)	47 / 440Hz
EFFICIENCY (%)	84% minimum (base on 24V)
INRUSH CURRENT (A)	20A typ (AC IN 110V, Full load), 40A typ (AC IN 220V, Full load) at cold start
EMC / EMI STANDARD	EN 61204-3, EN 61000-3-2, EN 61000-3-3
SAFETY STANDARD	EN 60950-1

Output Specification

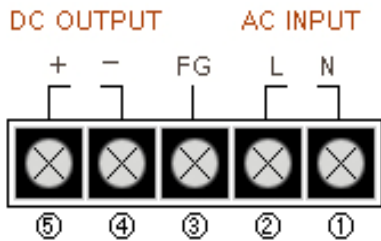
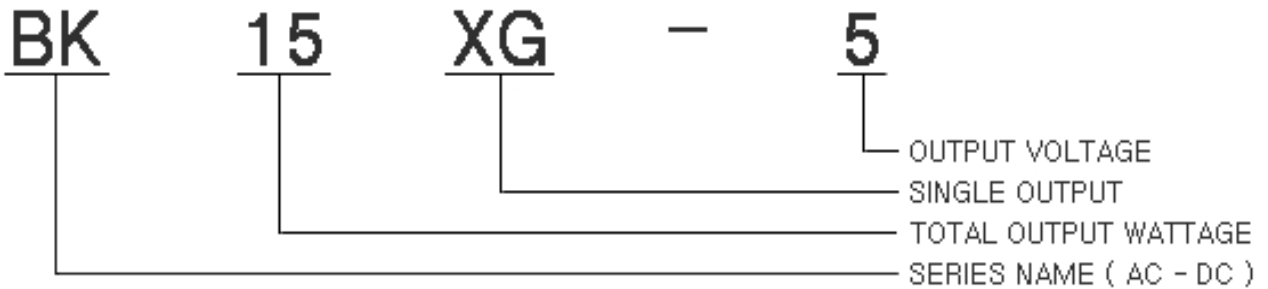
MODEL	REGULATION LINE (mV)	REGULATION LOAD (mV)	RIPPLE (mV)	RIPPLE & NOISE (mV)
BK 15XG - 5	25 max	50 max	50 max	100 max
BK 15XG - 9	45 max	90 max	90 max	140 max
BK 15XG - 12	60 max	120 max	120 max	170 max
BK 15XG - 15	75 max	150 max	150 max	200 max
BK 15XG - 24	120 max	240 max	240 max	290 max

General Specification

OVER CURRENT PROTECTION	Works at over 110% of rating and recovers automatically
OVER VOLTAGE PROTECTION	Works at 115~140% of rating
START ON TIME (S)	1 max (AC IN 110V / 220V, Full load)
HOLD UP TIME (mS)	10 typ (AC IN 110V / 220V, Full load)

ADJUSTABLE RANGE	OUTPUT DC \pm 10%	
ENVIRONMENT	Operating temperature and humidity	-10 ~ +80 °C, 20 ~ 90%, RH (Non condensing)
	Storage temperature and humidity	-20 ~ +85 °C, 20 ~ 90%, RH (Non condensing)
	Vibration	10 ~ 55Hz at 1G 3minute periods, 30minute along X, Y and Z axis, at no Operating
	Impact (in package)	Less than 10G
ELECTRICALLY ISOLATED	Input - Output	AC 3,000V 1minute, DC 500V 100M Ω (At room temperature & Humidity)
	Input - Case,FG	AC 1,500V 1minute, DC 500V 100M Ω (At room temperature & Humidity)
	Output - Case	AC 500V 1minute, DC 500V 100M Ω (At room temperature & Humidity)

*** ORDERING INFORMATION**

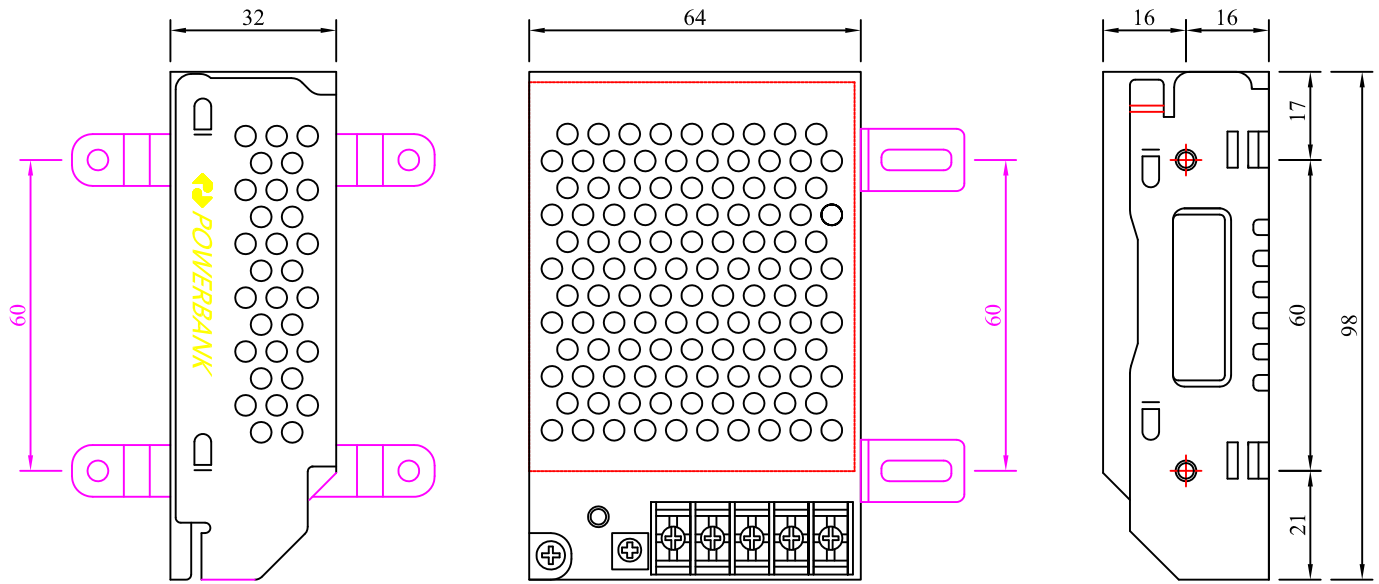


*** AC INPUT**

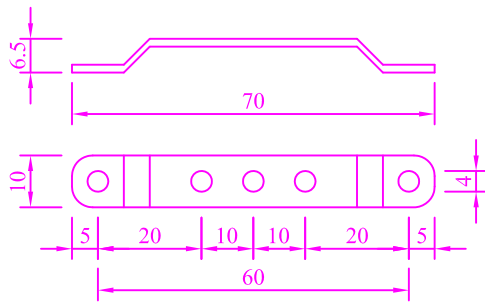
- ① N : AC INPUT NEUTRAL LINE
- ② L : AC INPUT HOT LINE
- ③ FG : FRAME GROUND

*** DC OUTPUT**

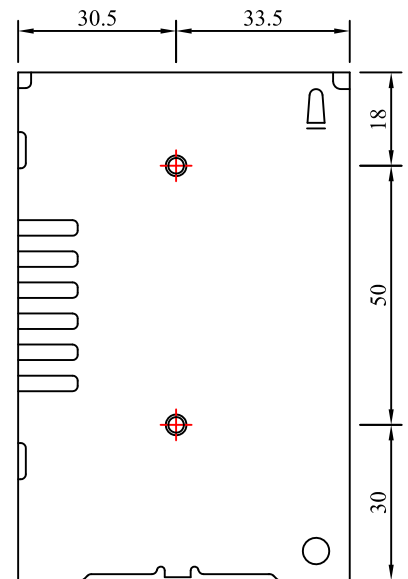
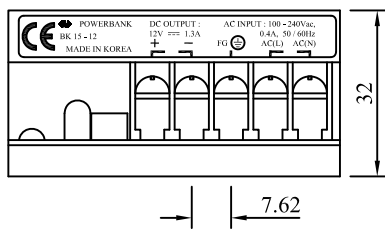
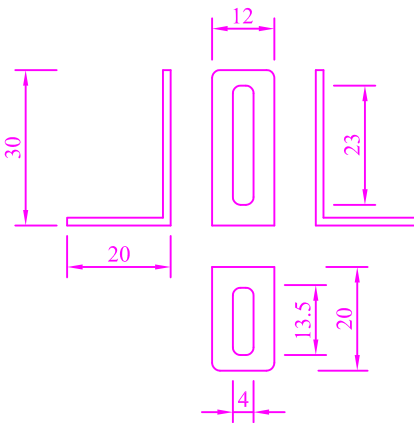
- ④ - : DC GROUND
- ⑤ + : DC OUTPUT




① 一자 브라켓



② ㄱ자 브라켓



1. DIMENSION : 98(L) 64(W) 32(H)
2. TERMINAL BLOCK : 7.62 mm
3. MOUNTING HOLE : 4 - M3 TAPS

 Power Bank Co., Ltd.			
TITLE		BK 15XG	
DRAWN	SCALE	UNIT	DWG.NO
HYUN.S.H		MM	03 25 13

BK 30XG SERIES

30 Watts AC-DC SMPS
98(L) 79(W) 37(H) mm
Standard Specifications

K C 인 증



Single Output

MODEL (Standard Model)

MODEL	OUTPUT		SIZE (mm)	WEIGHT (kg)
	VOLTAGE	CURRENT		
BK 30XG - 5	5 V	6 A	L : 98 mm W : 79 mm H : 37 mm	0.31 kg
BK 30XG - 6	6 V	5 A		
BK 30XG - 9	9 V	3.3 A		
BK 30XG - 12	12 V	2.5 A		
BK 30XG - 15	15 V	2 A		
BK 30XG - 24	24 V	1.3 A		
BK 30XG - 28	28 V	1 A		

Input Specification

INPUT VOLTAGE	95 - 265Vac (FREE VOLTAGE)
FREQUENCY (Hz)	47 / 440Hz
EFFICIENCY (%)	86% minimum (base on 24V)
INRUSH CURRENT (A)	20A typ (AC IN 110V, Full load), 40A typ (AC IN 220V, Full load) at cold start
EMC / EMI STANDARD	K00015, K61547
SAFETY STANDARD	K61347-1, K61347-2-13, K62384

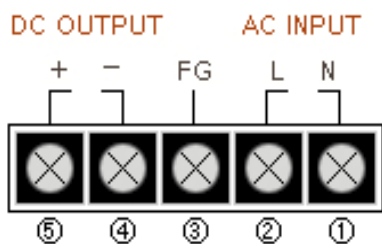
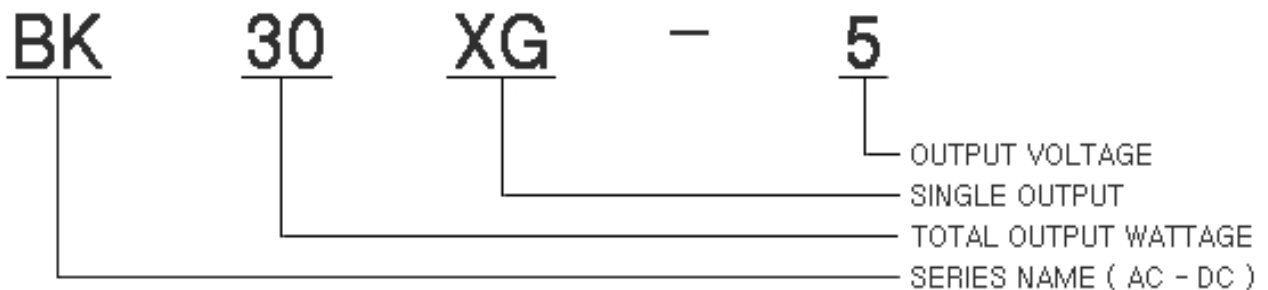
Output Specification

MODEL	REGULATION LINE (mV)	REGULATION LOAD (mV)	RIPPLE (mV)	RIPPLE & NOISE (mV)
BK 30XG - 5	25 max	50 max	50 max	100 max
BK 30XG - 6	30 max	60 max	60 max	110 max
BK 30XG - 9	45 max	90 max	90 max	140 max
BK 30XG - 12	60 max	120 max	120 max	170 max
BK 30XG - 15	75 max	150 max	150 max	200 max
BK 30XG - 24	120 max	240 max	240 max	290 max
BK 30XG - 28	140 max	280 max	280 max	330 max

General Specification

OVER CURRENT PROTECTION	Works at over 110% of rating and recovers automatically	
OVER VOLTAGE PROTECTION	Works at 115~140% of rating	
START ON TIME (S)	1 max (AC IN 110V / 220V, Full load)	
HOLD UP TIME (mS)	10 typ (AC IN 110V / 220V, Full load)	
ADJUSTABLE RANGE	OUTPUT DC \pm 10%	
ENVIRONMENT	Operating temperature and humidity	-10 ~ +80 °C, 20 ~ 90%, RH (Non condensing)
	Storage temperature and humidity	-20 ~ +85 °C, 20 ~ 90%, RH (Non condensing)
	Vibration	10 ~ 55Hz at 1G 3minute periods, 30minute along X, Y and Z axis, at no Operating
	Impact (in package)	Less than 10G
ELECTRICALLY ISOLATED	Input - Output	AC 3,000V 1minute, DC 500V 100M Ω (At room temperature & Humidity)
	Input - Case,FG	AC 1,500V 1minute, DC 500V 100M Ω (At room temperature & Humidity)
	Output - Case	AC 500V 1minute, DC 500V 100M Ω (At room temperature & Humidity)

* ORDERING INFORMATION

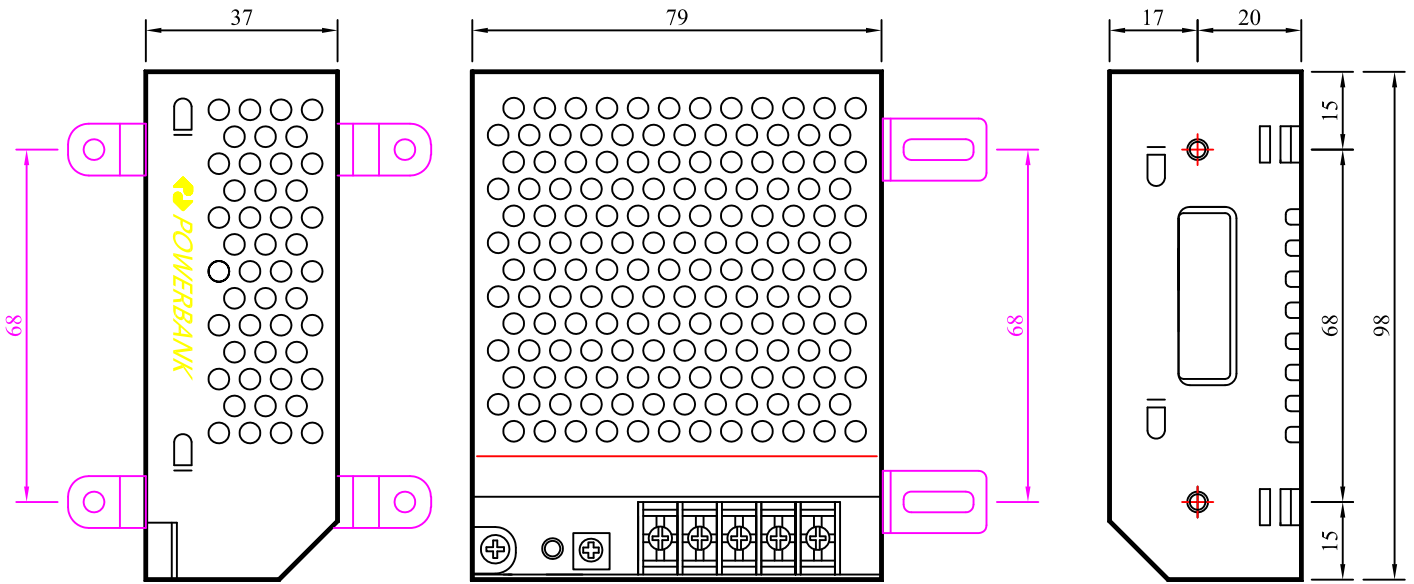


* AC INPUT

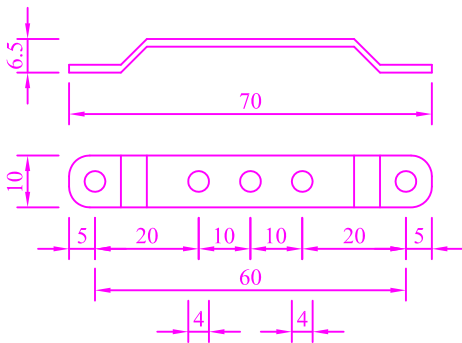
- ① N : AC INPUT NEUTRAL LINE
- ② L : AC INPUT HOT LINE
- ③ FG : FRAME GROUND

* DC OUTPUT

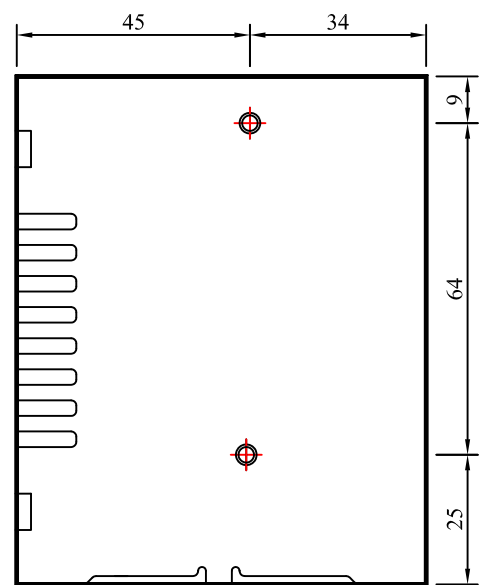
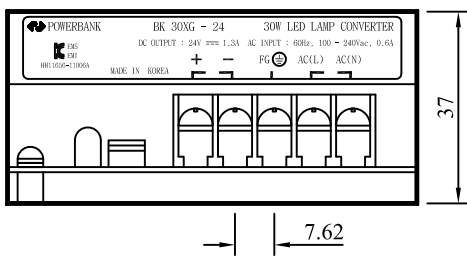
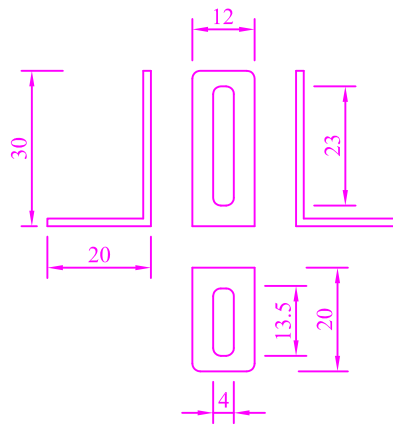
- ④ - : DC GROUND
- ⑤ + : DC OUTPUT




① 一자 브라켓



② ㄱ자 브라켓



1. DIMENSION : 98(L) 79(W) 37(H)
2. TERMINAL BLOCK : 7.62 mm
3. MOUNTING HOLE : 4 - M3 TAPS

 Power Bank Co., Ltd.			
TITLE		BK 30XG	
DRAWN	SCALE	UNIT	DWG.NO
HYUN.S.H		MM	03 25 13

BK 50XG SERIES

50 Watts AC-DC SMPS
125(L) 83(W) 41(H) mm
Standard Specifications

K C 인증
C E 인증



Single Output

MODEL (Standard Model)

MODEL	OUTPUT		SIZE (mm)	WEIGHT (kg)
	VOLTAGE	CURRENT		
BK 50XG - 3.2	3.0 ~ 3.5 V	10 A	L : 125 mm W : 83 mm H : 41 mm	0.335 kg
BK 50XG - 5	5 V	10 A		
BK 50XG - 9	9 V	5.5 A		
BK 50XG - 12	12 V	4.2 A		
BK 50XG - 15	15 V	3.3 A		
BK 50XG - 24	24 V	2.5 A		
BK 50XG - 28	28 V	1.7 A		
BK 50XG - 30	30 V	1.6 A		
BK 50XG - 36	36 V	1.3 A		
BK 50XG - 48	48 V	1 A		

Input Specification

INPUT VOLTAGE	95 - 265Vac (FREE VOLTAGE)
FREQUENCY (Hz)	47 / 440Hz
EFFICIENCY (%)	83% minimum (base on 24V)
INRUSH CURRENT (A)	20A typ (AC IN 110V, Full load), 40A typ (AC IN 220V, Full load) at cold start
EMC / EMI STANDARD	KN 15, KN 61000-4-2, KN 61000-4-3, KN 61000-4-4, KN 61000-4-5, KN 61000-4-6, KN 61000-4-8, KN 61000-4-11, EN 61204-3, EN 61000-3-2, EN 61000-3-3
SAFETY STANDARD	K61347-1, K61347-2-13, K62384, EN 60950-1

Output Specification

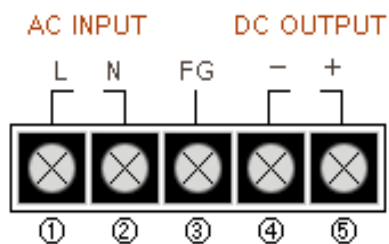
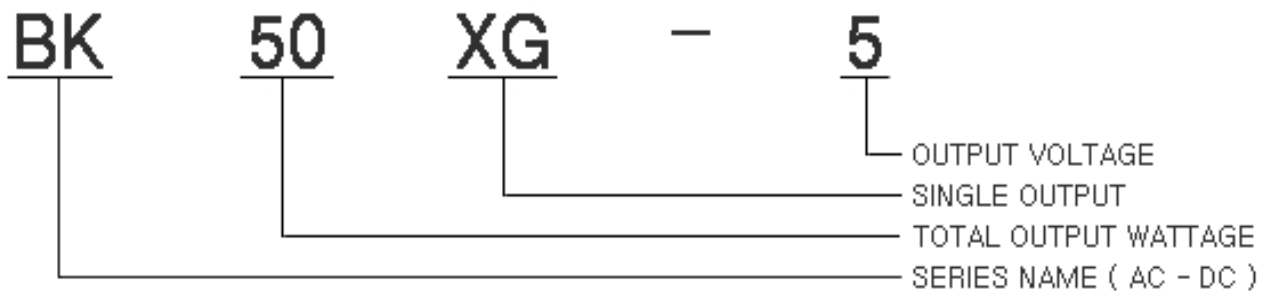
MODEL	REGULATION LINE (mV)	REGULATION LOAD (mV)	RIPPLE (mV)	RIPPLE & NOISE (mV)
BK 50XG - 3.2	25 max	50 max	50 max	100 max
BK 50XG - 5	25 max	50 max	50 max	100 max
BK 50XG - 9	45 max	90 max	90 max	140 max
BK 50XG - 12	60 max	120 max	120 max	170 max
BK 50XG - 15	75 max	150 max	150 max	200 max
BK 50XG - 24	120 max	240 max	240 max	290 max
BK 50XG - 28	140 max	280 max	280 max	330 max
BK 50XG - 30	150 max	300 max	300 max	350 max

BK 50XG – 36	180 max	360 max	360 max	410 max
BK 50XG – 48	240 max	480 max	480 max	530 max

General Specification

OVER CURRENT PROTECTION	Works at over 110% of rating and recovers automatically		
OVER VOLTAGE PROTECTION	Works at 115~140% of rating		
START ON TIME (S)	1 max (AC IN 110V / 220V, Full load)		
HOLD UP TIME (mS)	10 typ (AC IN 110V / 220V, Full load)		
ADJUSTABLE RANGE	OUTPUT DC \pm 10%		
ENVIRONMENT	Operating temperature and humidity	-10 ~ +80 °C, 20 ~ 90%, RH (Non condensing)	
	Storage temperature and humidity	-20 ~ +85 °C, 20 ~ 90%, RH (Non condensing)	
	Vibration	10 ~ 55Hz at 1G 3minute periods, 30minute along X, Y and Z axis, at no Operating	
	Impact (in package)	Less than 10G	
ELECTRICALLY ISOLATED	Input – Output	AC 3,000V 1minute, DC 500V 100M Ω (At room temperature & Humidity)	
	Input – Case,FG	AC 1,500V 1minute, DC 500V 100M Ω (At room temperature & Humidity)	
	Output – Case	AC 500V 1minute, DC 500V 100M Ω (At room temperature & Humidity)	

* ORDERING INFORMATION

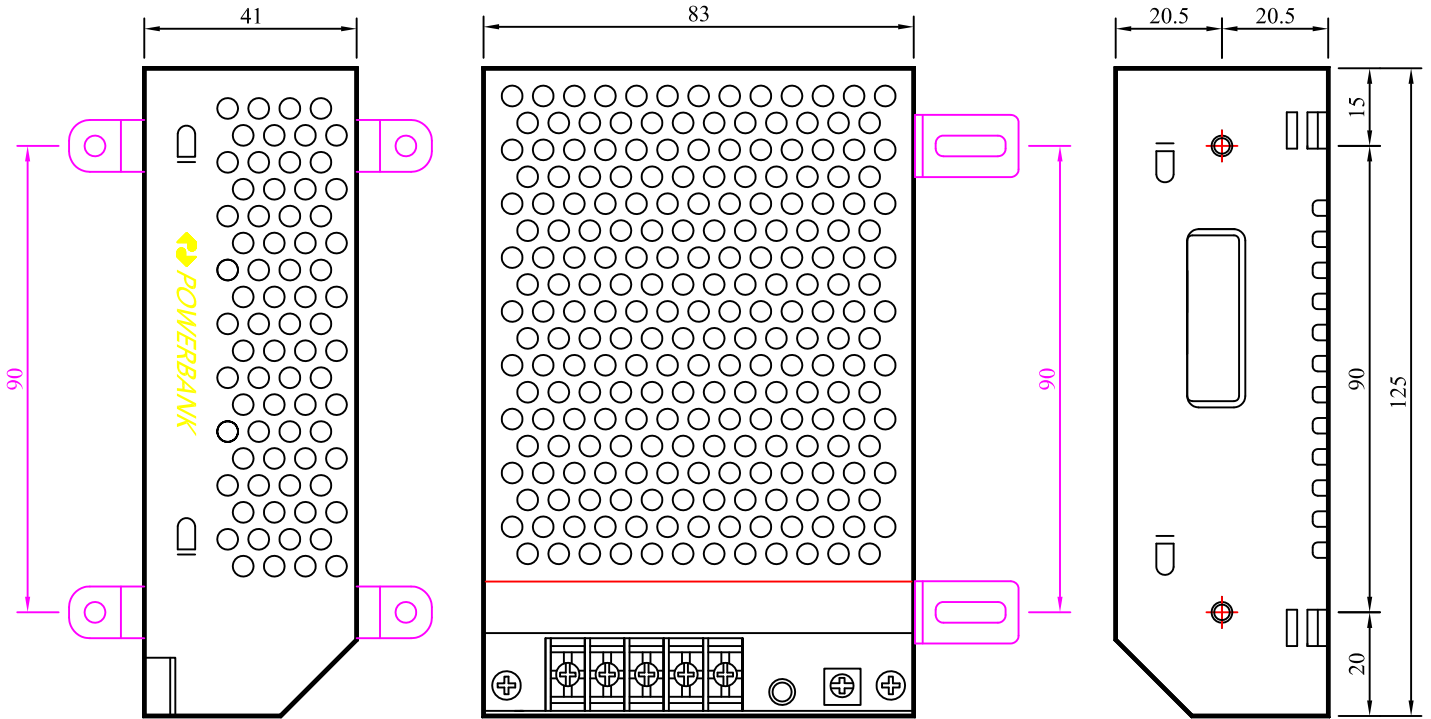


* AC INPUT

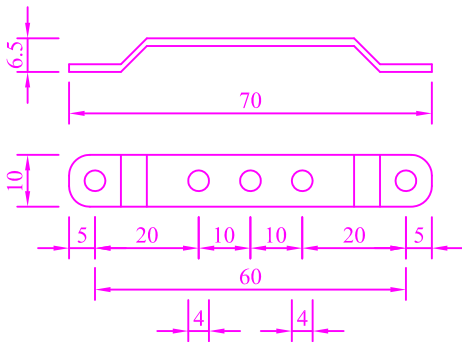
- ① L : AC INPUT HOT LINE
- ② N : AC INPUT NEUTRAL LINE
- ③ FG : FRAME GROUND

* DC OUTPUT

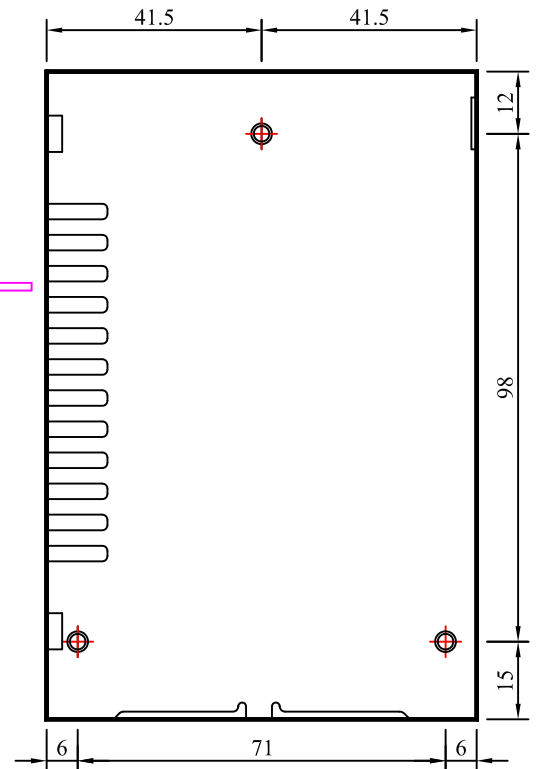
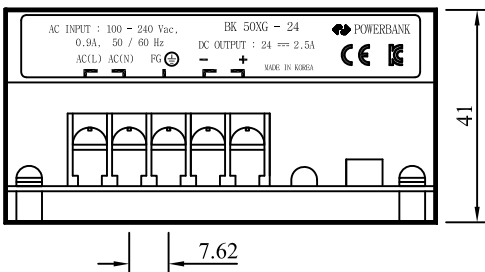
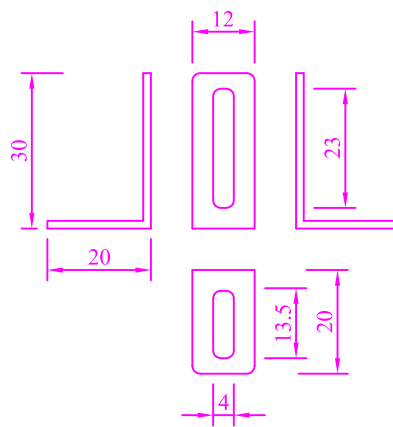
- ④ - : DC GROUND
- ⑤ + : DC OUTPUT




① 一자 브라켓



② ㄱ자 브라켓



1. DIMENSION : 125(L) 83(W) 41(H)
2. TERMINAL BLOCK : 7.62 mm
3. MOUNTING HOLE : 5 - M3 TAPS

 Power Bank Co., Ltd.			
TITLE		BK 50XG	
DRAWN	SCALE	UNIT	DWG.NO
HYUN.S.H		MM	03 25 13

BK 75S SERIES

75 Watts AC-DC SMPS
 (Slim size)
 125(L) 83(W) 41(H) mm
 Standard Specifications

K C 인 증



Single Output

MODEL (Standard Model)

MODEL	OUTPUT		SIZE (mm)	WEIGHT (kg)
	VOLTAGE	CURRENT		
BK 75S - 12	12 V	6.2 A	L : 125 mm W : 83 mm H : 41 mm	0.35 kg
BK 75S - 24	24 V	3.1 A		

Input Specification

INPUT VOLTAGE	95 - 265Vac (FREE VOLTAGE)
FREQUENCY (Hz)	47 / 440Hz
EFFICIENCY (%)	87% minimum (base on 24V)
INRUSH CURRENT (A)	20A typ (AC IN 110V, Full load), 40A typ (AC IN 220V, Full load) at cold start
EMC / EMI STANDARD	KN 15, KN 61000-4-2, KN 61000-4-3, KN 61000-4-4, KN 61000-4-5, KN 61000-4-6, KN 61000-4-8, KN 61000-4-11
SAFETY STANDARD	K61347-1, K61347-2-13, K62384

Output Specification

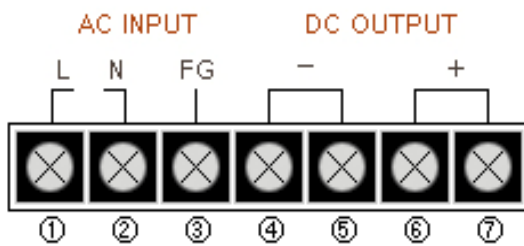
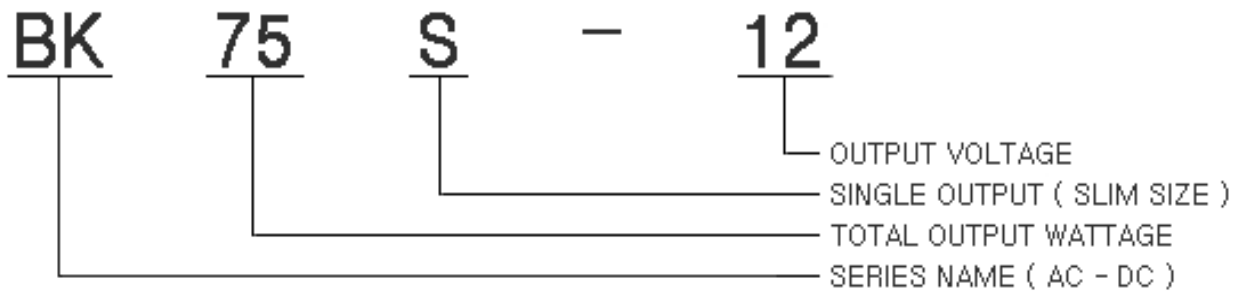
MODEL	REGULATION LINE (mV)	REGULATION LOAD (mV)	RIPPLE (mV)	RIPPLE & NOISE (mV)
BK 75S - 12	60 max	120 max	120 max	170 max
BK 75S - 24	120 max	240 max	240 max	290 max

General Specification

OVER CURRENT PROTECTION	Works at over 110% of rating and recovers automatically	
OVER VOLTAGE PROTECTION	Works at 115~140% of rating	
START ON TIME (S)	1 max (AC IN 110V / 220V, Full load)	
HOLD UP TIME (mS)	10 typ (AC IN 110V / 220V, Full load)	
ADJUSTABLE RANGE	OUTPUT DC \pm 10%	
	Operating temperature and humidity	-10 ~ +80 °C, 20 ~ 90%, RH (Non condensing)

ENVIRONMENT	Storage temperature and humidity	-20 ~ +85 °C, 20 ~ 90%, RH (Non condensing)
	Vibration	10 ~ 55Hz at 1G 3minute periods, 30minute along X, Y and Z axis, at no Operating
	Impact (in package)	Less than 10G
ELECTRICALLY ISOLATED	Input - Output	AC 3,000V 1minute, DC 500V 100MΩ (At room temperature & Humidity)
	Input - Case,FG	AC 1,500V 1minute, DC 500V 100MΩ (At room temperature & Humidity)
	Output - Case	AC 500V 1minute, DC 500V 100MΩ (At room temperature & Humidity)

* ORDERING INFORMATION

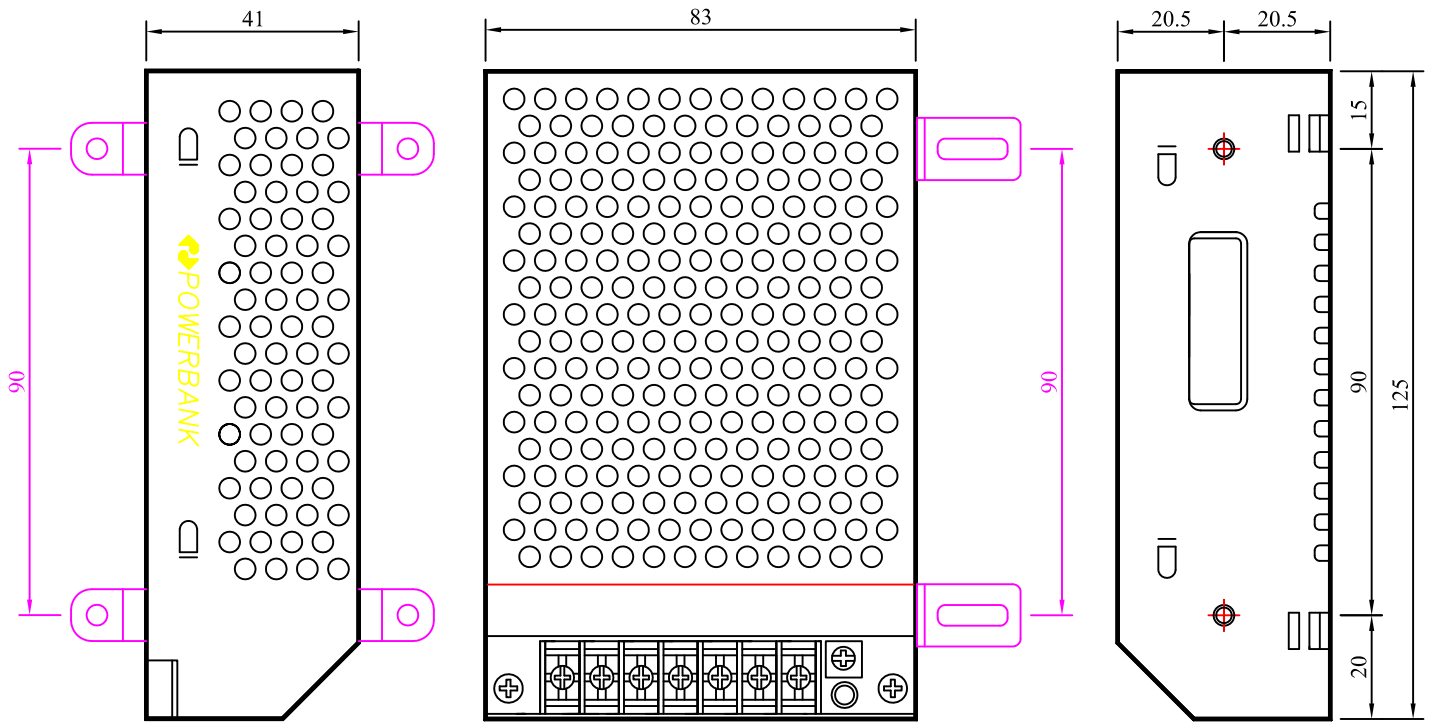


* AC INPUT

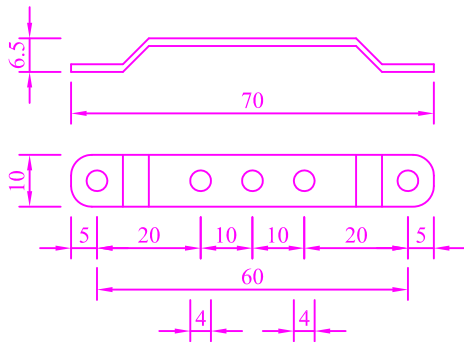
- ① L : AC INPUT HOT LINE
- ② N : AC INPUT NEUTRAL LINE
- ③ FG : FRAME GROUND

* DC OUTPUT

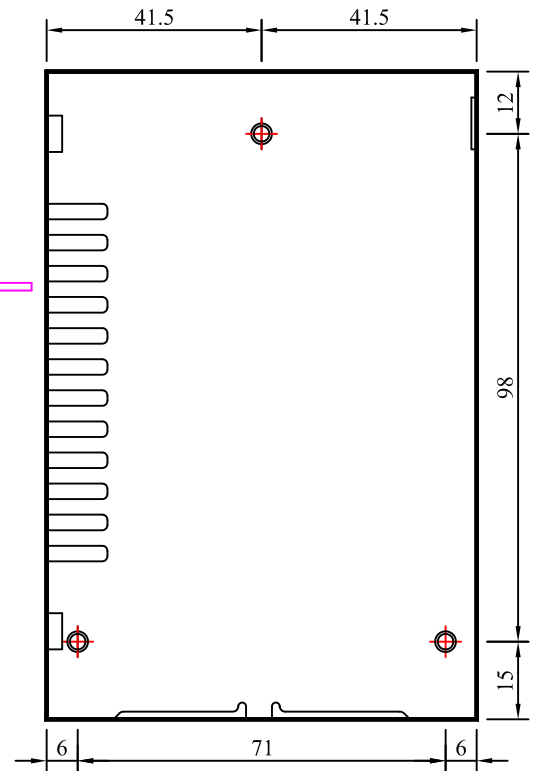
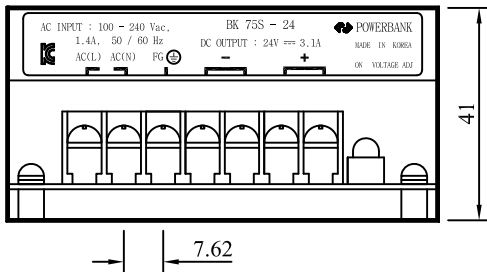
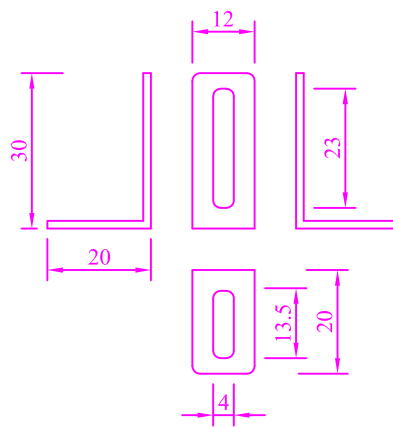
- ④ - : DC GROUND
- ⑤ - : DC GROUND
- ⑥ + : DC OUTPUT
- ⑦ + : DC OUTPUT




① 一자 브라켓



② ㄱ자 브라켓



1. DIMENSION : 125(L) 83(W) 41(H)
2. TERMINAL BLOCK : 7.62 mm
3. MOUNTING HOLE : 5 - M3 TAPS

 Power Bank Co., Ltd.			
TITLE		BK 75S	
DRAWN	SCALE	UNIT	DWG.NO
HYUN.S.H		MM	03 25 13

BK 100XG SERIES

100 Watts AC-DC SMPS
146(L) 96(W) 43(H) mm
Standard Specifications

K C 인증
C E 인증



Single Output

MODEL (Standard Model)

MODEL	OUTPUT		SIZE (mm)	WEIGHT (kg)
	VOLTAGE	CURRENT		
BK 100XG - 3.2	3.0 ~ 3.5 V	20 A	L : 146 mm W : 96 mm H : 43 mm	0.495 kg
BK 100XG - 5	5 V	20 A		
BK 100XG - 9	9 V	11.1 A		
BK 100XG - 12	12 V	8.3 A		
BK 100XG - 13.8	13.8 V	7.2 A		
BK 100XG - 15	15 V	6.6 A		
BK 100XG - 18	18 V	5.5 A		
BK 100XG - 24	24 V	4.1 A		
BK 100XG - 28	28 V	3.5 A		
BK 100XG - 30	30 V	3.3 A		
BK 100XG - 36	36 V	2.7 A		
BK 100XG - 48	48 V	2 A		

Input Specification

INPUT VOLTAGE	95 - 265Vac (FREE VOLTAGE)
FREQUENCY (Hz)	47 / 440Hz
EFFICIENCY (%)	86% minimum (base on 24V)
INRUSH CURRENT (A)	20A typ (AC IN 110V, Full load), 40A typ (AC IN 220V, Full load) at cold start
EMC / EMI STANDARD	K00015, K61547, EN 55022, EN 55024, EN 61000-3-2, EN 61000-3-3
SAFETY STANDARD	K61347-1, K61347-2-13, K62384, EN 60950-1

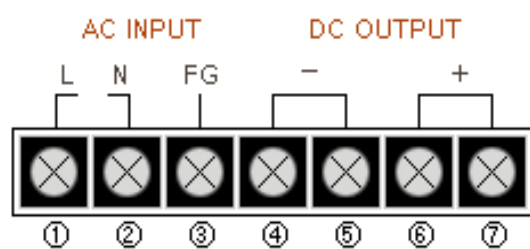
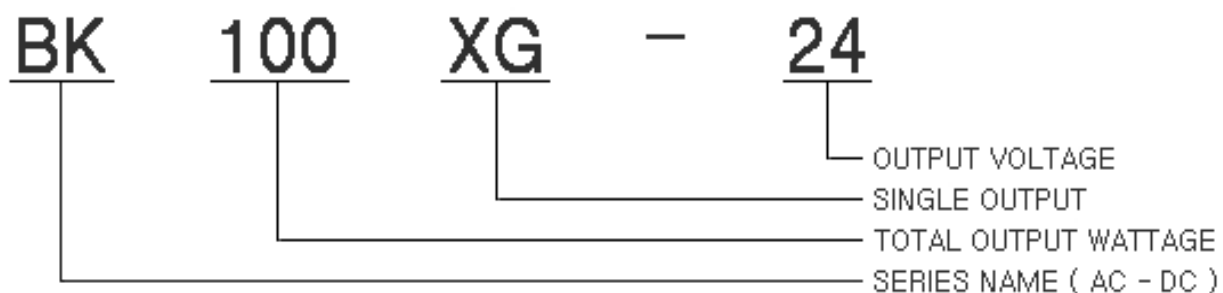
Output Specification

MODEL	REGULATION LINE (mV)	REGULATION LOAD (mV)	RIPPLE (mV)	RIPPLE & NOISE (mV)
BK 100XG – 3.2	25 max	50 max	50 max	100 max
BK 100XG – 5	25 max	50 max	50 max	100 max
BK 100XG – 9	45 max	90 max	90 max	140 max
BK 100XG – 12	60 max	120 max	120 max	170 max
BK 100XG – 13.8	69 max	138 max	138 max	188 max
BK 100XG – 15	75 max	150 max	150 max	200 max
BK 100XG – 18	90 max	180 max	180 max	230 max
BK 100XG – 24	120 max	240 max	240 max	290 max
BK 100XG – 28	140 max	280 max	280 max	330 max
BK 100XG – 30	150 max	300 max	300 max	350 max
BK 100XG – 36	180 max	360 max	360 max	410 max
BK 100XG – 48	240 max	480 max	480 max	530 max

General Specification

OVER CURRENT PROTECTION	Works at over 110% of rating and recovers automatically	
OVER VOLTAGE PROTECTION	Works at 115~140% of rating	
START ON TIME (S)	1 max (AC IN 110V / 220V, Full load)	
HOLD UP TIME (mS)	10 typ (AC IN 110V / 220V, Full load)	
ADJUSTABLE RANGE	OUTPUT DC \pm 10%	
ENVIRONMENT	Operating temperature and humidity	-10 ~ +80 °C, 20 ~ 90%, RH (Non condensing)
	Storage temperature and humidity	-20 ~ +85 °C, 20 ~ 90%, RH (Non condensing)
	Vibration	10 ~ 55Hz at 1G 3minute periods, 30minute along X, Y and Z axis, at no Operating
	Impact (in package)	Less than 10G
ELECTRICALLY ISOLATED	Input – Output	AC 3,000V 1minute, DC 500V 100M Ω (At room temperature & Humidity)
	Input – Case,FG	AC 1,500V 1minute, DC 500V 100M Ω (At room temperature & Humidity)
	Output – Case	AC 500V 1minute, DC 500V 100M Ω (At room temperature & Humidity)

* ORDERING INFORMATION

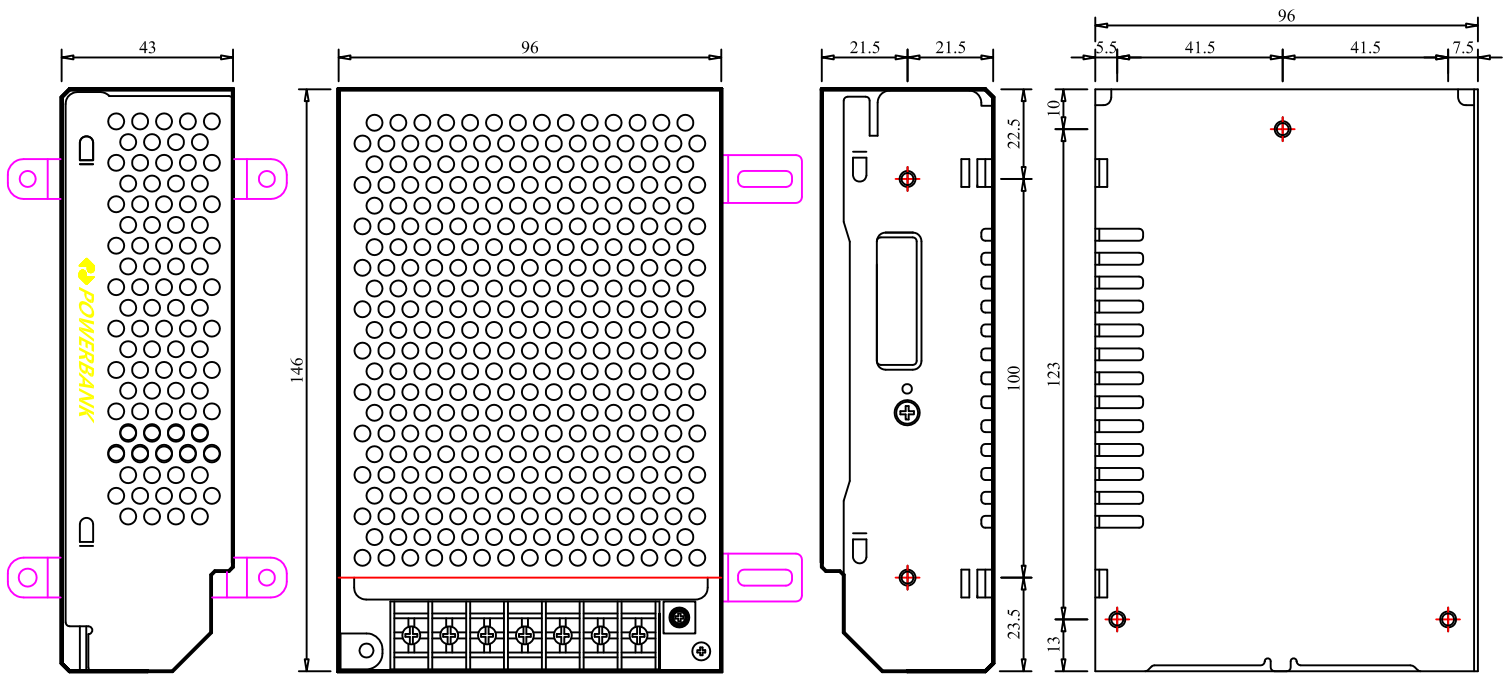


*** AC INPUT**

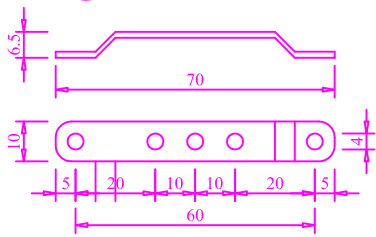
- ① L : AC INPUT HOT LINE
- ② N : AC INPUT NEUTRAL LINE
- ③ FG : FRAME GROUND

*** DC OUTPUT**

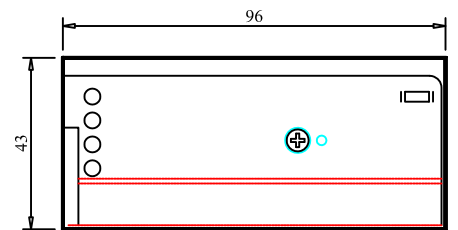
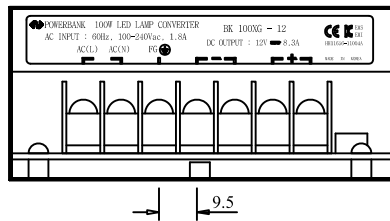
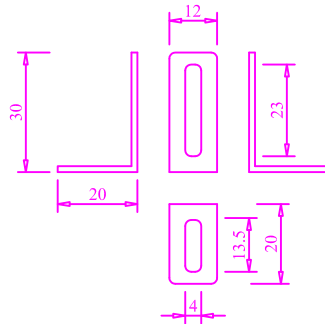
- ④ - : DC GROUND
- ⑤ - : DC GROUND
- ⑥ + : DC OUTPUT
- ⑦ + : DC OUTPUT




① 一자 브라켓



② ㄱ자 브라켓



1. DIMENSION : 146(L) 96(W) 43(H)
2. TERMINAL BLOCK : 9.5 mm
3. MOUNTING HOLE : 5 - M3 TAPS

 Power Bank Co., Ltd.	
TITLE	BK 100XG
DRAWN	SCALE UNIT DWG.NO
HYUN.S.H	MM 12 26 16

BK 150XG SERIES

150 Watts AC-DC SMPS
187(L) 107(W) 50(H) mm
Standard Specifications

CE 인증



Single Output

MODEL (Standard Model)

MODEL	OUTPUT		SIZE (mm)	WEIGHT (kg)
	VOLTAGE	CURRENT		
BK 150XG - 2	1.8 ~ 2.2 V	30 A	L : 187 mm W : 107 mm H : 50 mm	0.945 kg
BK 150XG - 2.7	2.5 ~ 3 V	30 A		
BK 150XG - 3	2.5 ~ 3.5 V	30 A		
BK 150XG - 3.2	3 ~ 3.5 V	30 A		
BK 150XG - 5	5 V	30 A		
BK 150XG - 9	9 V	16.6 A		
BK 150XG - 12	12 V	12.5 A		
BK 150XG - 13.8	13.8 V	10.8 A		
BK 150XG - 15	15 V	10 A		
BK 150XG - 24	24 V	6.2 A		
BK 150XG - 28	28 V	5.3 A		
BK 150XG - 36	36 V	4.1 A		
BK 150XG - 48	48 V	3.1 A		

Input Specification

INPUT VOLTAGE (Vac)	195 - 265Vac
FREQUENCY (Hz)	50 / 60Hz
EFFICIENCY (%)	86% minimum (base on 24V)
INRUSH CURRENT (A)	40A typ (AC IN 220V, Full load) at cold start
EMC / EMI STANDARD	EN 55022, EN 55024, EN 61000-3-2, EN 61000-3-3
SAFETY STANDARD	EN 60950-1

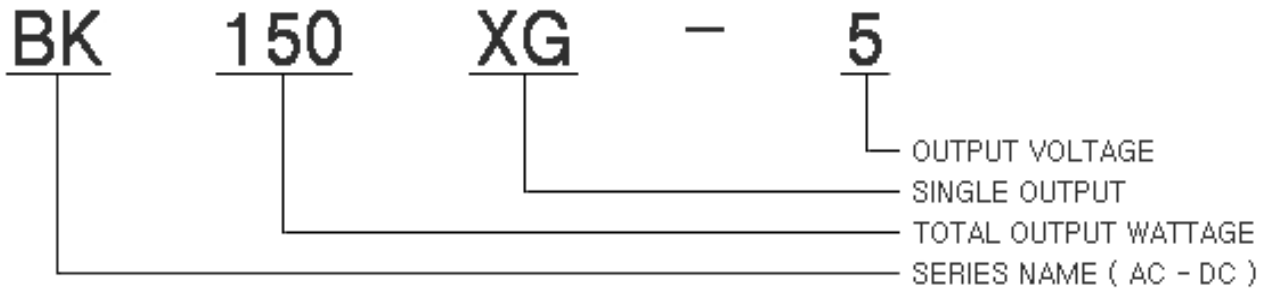
Output Specification

MODEL	REGULATION LINE (mV)	REGULATION LOAD (mV)	RIPPLE (mV)	RIPPLE & NOISE (mV)
BK 150XG – 2	25 max	50 max	50 max	100 max
BK 150XG – 2.7	25 max	50 max	50 max	100 max
BK 150XG – 3	25 max	50 max	50 max	100 max
BK 150XG – 3.2	25 max	50 max	50 max	100 max
BK 150XG – 5	25 max	50 max	50 max	100 max
BK 150XG – 9	45 max	90 max	90 max	140 max
BK 150XG – 12	60 max	120 max	120 max	170 max
BK 150XG – 13.8	69 max	138 max	138 max	188 max
BK 150XG – 15	75 max	150 max	150 max	200 max
BK 150XG – 24	120 max	240 max	240 max	290 max
BK 150XG – 28	140 max	280 max	280 max	330 max
BK 150XG – 36	180 max	360 max	360 max	410 max
BK 150XG – 48	240 max	480 max	480 max	530 max

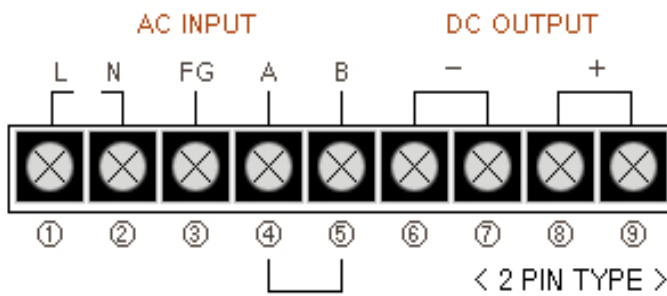
General Specification

OVER CURRENT PROTECTION	Works at over 110% of rating and recovers automatically	
OVER VOLTAGE PROTECTION	Works at 115~140% of rating	
START ON TIME (S)	1 max (AC IN 220V, Full load)	
HOLD UP TIME (mS)	10 typ (AC IN 220V, Full load)	
ADJUSTABLE RANGE	OUTPUT DC \pm 10%	
ENVIRONMENT	Operating temperature and humidity	-10 ~ +80 °C, 20 ~ 90%, RH (Non condensing)
	Storage temperature and humidity	-20 ~ +85 °C, 20 ~ 90%, RH (Non condensing)
	Vibration	10 ~ 55Hz at 1G 3minute periods, 30minute along X, Y and Z axis, at no Operating
	Impact (in package)	Less than 10G
ELECTRICALLY ISOLATED	Input – Output	AC 3,000V 1minute, DC 500V 100M Ω (At room temperature & Humidity)
	Input – Case,FG	AC 1,500V 1minute, DC 500V 100M Ω (At room temperature & Humidity)
	Output – Case	AC 500V 1minute, DC 500V 100M Ω (At room temperature & Humidity)

* ORDERING INFORMATION



* 110V / 220V 겸용



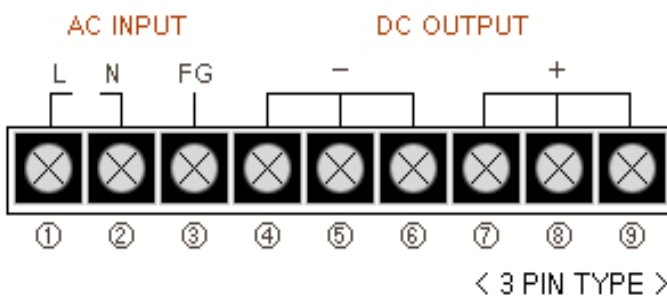
* AC INPUT

- ① L : AC INPUT HOT LINE
- ② N : AC INPUT NEUTRAL LINE
- ③ FG : FRAME GROUND
- ④ A와 ⑤ B를 SHORT시키면 L, N에 AC 110V 입력해서 사용
- ④ A와 ⑤ B를 OPEN하면 L, N에 AC 220V 입력해서 사용

* DC OUTPUT

- ⑥ - : DC GROUND
- ⑦ - : DC GROUND
- ⑧ + : DC OUTPUT
- ⑨ + : DC OUTPUT

* 220V 전용 : 12V, 13.5V, 15V, 24V, 36V, 48V

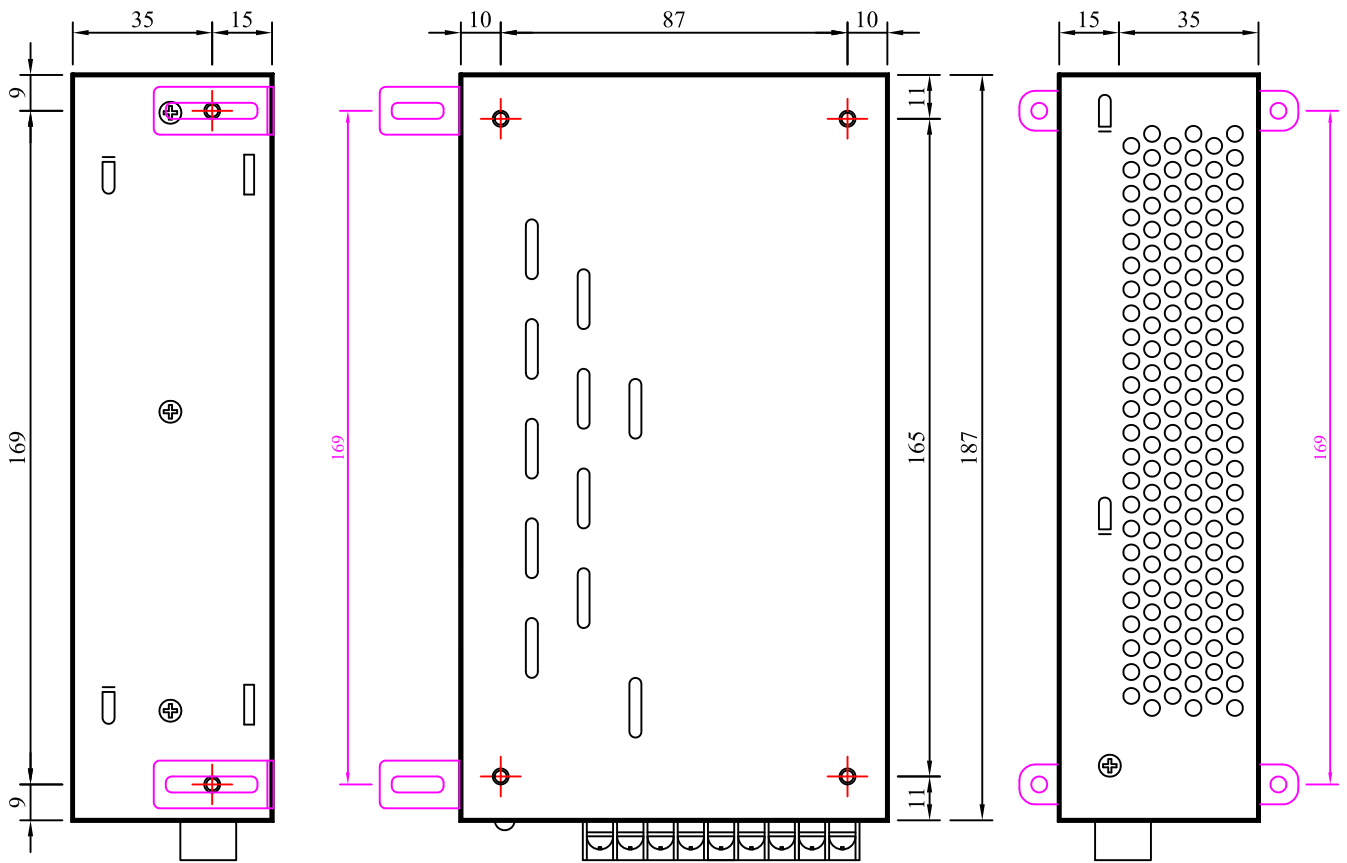


* AC INPUT

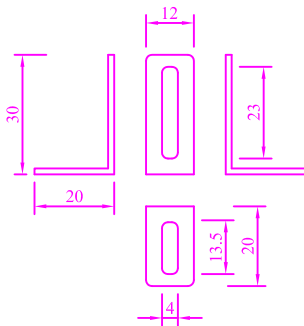
- ① L : AC INPUT HOT LINE
- ② N : AC INPUT NEUTRAL LINE
- ③ FG : FRAME GROUND

* DC OUTPUT

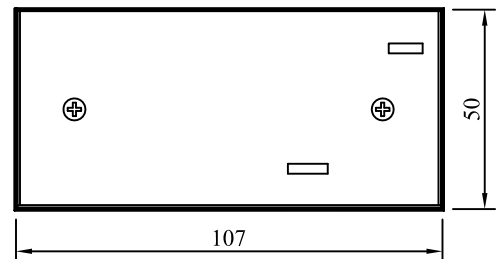
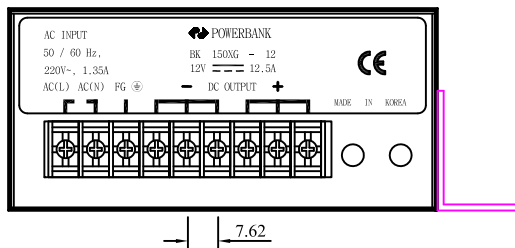
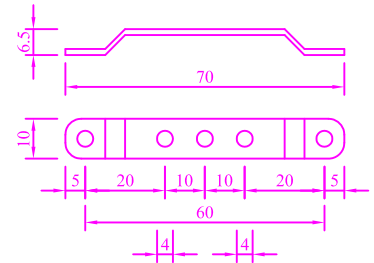
- ④ - : DC GROUND
- ⑤ - : DC GROUND
- ⑥ - : DC GROUND
- ⑦ + : DC OUTPUT
- ⑧ + : DC OUTPUT
- ⑨ + : DC OUTPUT




② ㄱ자 브라켓



① -자 브라켓



1. DIMENSION : 187(L) 107(W) 50(H)
2. TERMINAL BLOCK : 7.62 mm
3. MOUNTING HOLE : 6 - M3 TAPS

 Power Bank Co., Ltd.			
TITLE		BK 150XG	
DRAWN	SCALE	UNIT	DWG.NO
HYUN.S.H		MM	01 30 13

BK 200XG SERIES 2

200 Watts AC-DC SMPS
187(L) 107(W) 50(H) mm
Standard Specifications

K C 인증
C E 인증



Single Output

MODEL (Standard Model)

MODEL	OUTPUT		SIZE (mm)	WEIGHT (kg)
	VOLTAGE	CURRENT		
BK 200XG - 12	12 V	16.6 A	L : 187 mm W : 107 mm H : 50 mm	0.96 kg
BK 200XG - 15	15 V	13.3 A		
BK 200XG - 24	24 V	8.3 A		
BK 200XG - 28	28 V	7.1 A		
BK 200XG - 30	30 V	6.6 A		
BK 200XG - 36	36 V	5.5 A		
BK 200XG - 48	48 V	4.1 A		

Input Specification

INPUT VOLTAGE (Vac)	95 - 130Vac or 195 - 265Vac
FREQUENCY (Hz)	50 / 60Hz
EFFICIENCY (%)	89% minimum (base on 24V)
INRUSH CURRENT (A)	20A typ (AC IN 110V, Full load), 40A typ (AC IN 220V, Full load) at cold start
EMC / EMI STANDARD	K00015, K61547, EN 55022, EN 55024, EN 61000-3-2, EN 61000-3-3
SAFETY STANDARD	K61347-1, K61347-2-13, K62384, EN 60950-1

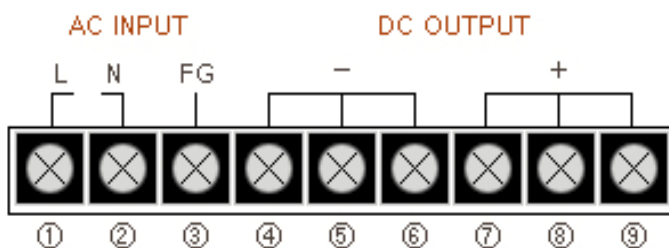
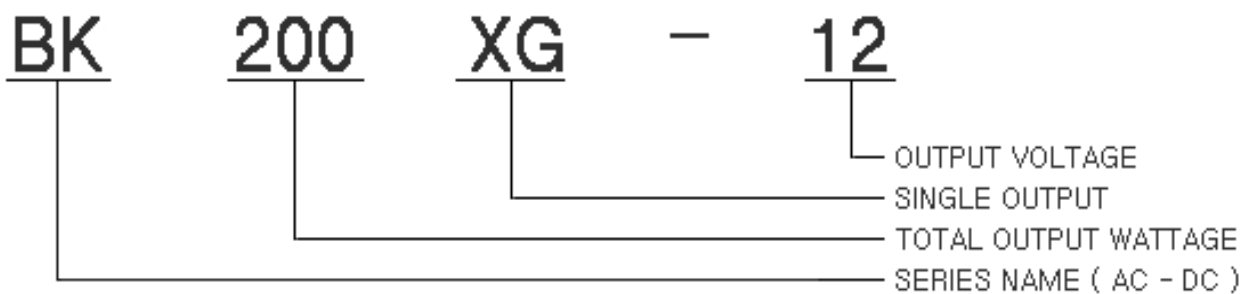
Output Specification

MODEL	REGULATION LINE (mV)	REGULATION LOAD (mV)	RIPPLE (mV)	RIPPLE & NOISE (mV)
BK 200XG - 12	60 max	120 max	120 max	170 max
BK 200XG - 15	75 max	150 max	150 max	200 max
BK 200XG - 24	120 max	240 max	240 max	290 max
BK 200XG - 28	140 max	280 max	280 max	330 max
BK 200XG - 30	150 max	300 max	300 max	350 max
BK 200XG - 36	180 max	360 max	360 max	410 max
BK 200XG - 48	240 max	480 max	480 max	530 max

General Specification

OVER CURRENT PROTECTION	Works at over 110% of rating and recovers automatically	
OVER VOLTAGE PROTECTION	Works at 115~140% of rating	
START ON TIME (S)	1 max (AC IN 110V / 220V, Full load)	
HOLD UP TIME (mS)	10 typ (AC IN 110V / 220V, Full load)	
ADJUSTABLE RANGE	OUTPUT DC \pm 10%	
ENVIRONMENT	Operating temperature and humidity	-10 ~ +80 °C, 20 ~ 90%, RH (Non condensing)
	Storage temperature and humidity	-20 ~ +85 °C, 20 ~ 90%, RH (Non condensing)
	Vibration	10 ~ 55Hz at 1G 3minute periods, 30minute along X, Y and Z axis, at no Operating
	Impact (in package)	Less than 10G
ELECTRICALLY ISOLATED	Input - Output	AC 3,000V 1minute, DC 500V 100M Ω (At room temperature & Humidity)
	Input - Case,FG	AC 1,500V 1minute, DC 500V 100M Ω (At room temperature & Humidity)
	Output - Case	AC 500V 1minute, DC 500V 100M Ω (At room temperature & Humidity)

* ORDERING INFORMATION

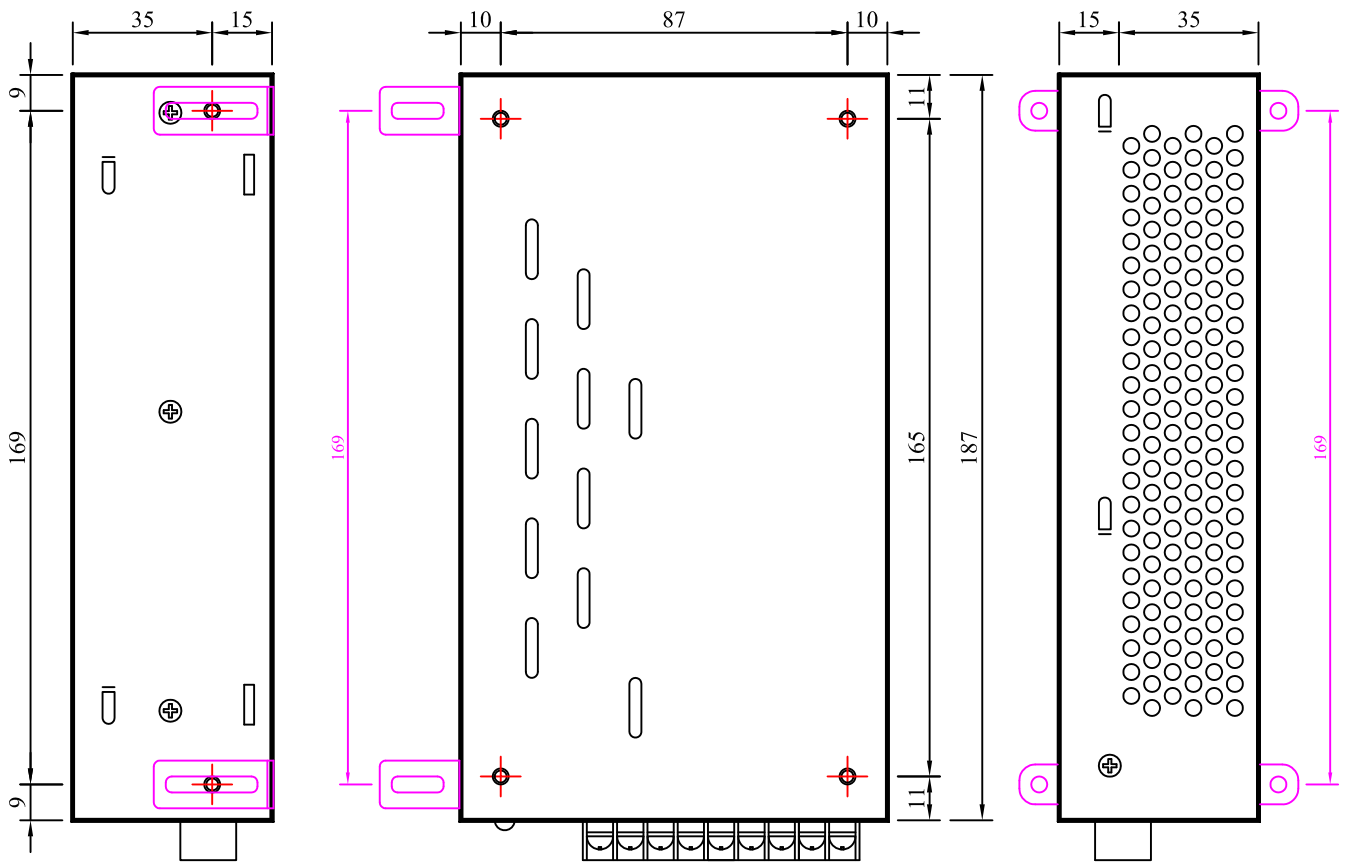


* AC INPUT

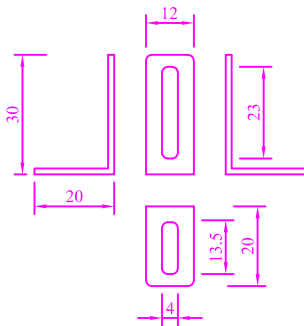
- ① L : AC INPUT HOT LINE
- ② N : AC INPUT NEUTRAL LINE
- ③ FG : FRAME GROUND

* DC OUTPUT

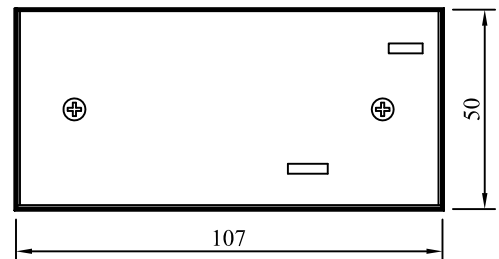
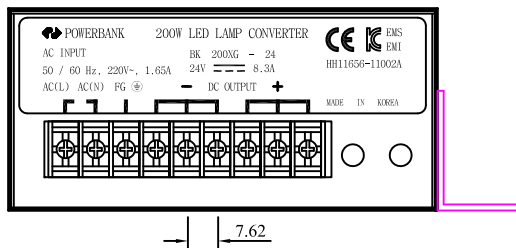
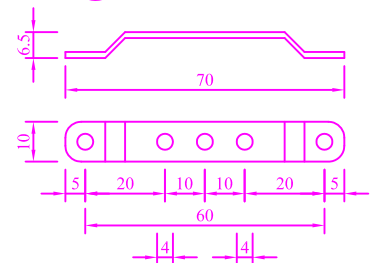
- ④ - : DC GROUND
- ⑤ - : DC GROUND
- ⑥ - : DC GROUND
- ⑦ + : DC OUTPUT
- ⑧ + : DC OUTPUT
- ⑨ + : DC OUTPUT



② ㄱ자 브라켓



① 一자 브라켓



1. DIMENSION : 187(L) 107(W) 50(H)
2. TERMINAL BLOCK : 7.62 mm
3. MOUNTING HOLE : 6 - M3 TAPS

Power Bank Co., Ltd.			
TITLE		BK 200XG KC	
DRAWN	SCALE	UNIT	DWG.NO
HYUN.S.H		MM	01 30 13

BK 250XG SERIES

250 Watts AC-DC SMPS
210(L) 109(W) 47(H) mm
Standard Specifications

K C 인 증



Single Output

MODEL (Standard Model)

MODEL	OUTPUT		SIZE (mm)	WEIGHT (kg)
	VOLTAGE	CURRENT		
BK 250XG - 2	1.8 ~ 2.2 V	45 A	L : 210 mm W : 109 mm H : 47 mm	1.07 kg
BK 250XG - 2.7	2.5 ~ 3 V	45 A		
BK 250XG - 3	2.5 ~ 3.5 V	45 A		
BK 250XG - 3.2	3 ~ 3.5 V	45 A		
BK 250XG - 5	5 V	50 A		
BK 250XG - 9	9 V	27.7 A		
BK 250XG - 12	12 V	20.8 A		
BK 250XG - 15	15 V	16.6 A		
BK 250XG - 24	24 V	10.4 A		
BK 250XG - 28	28 V	8.9 A		
BK 250XG - 36	36 V	6.9 A		
BK 250XG - 48	48 V	5.2 A		
BK 250XG - 72	72 V	3.4 A		
BK 250XG - 100	100 V	2.5 A		

Input Specification

INPUT VOLTAGE (Vac)	95 - 130Vac or 195 - 265Vac
FREQUENCY (Hz)	50 / 60Hz
EFFICIENCY (%)	89% minimum (base on 24V)
INRUSH CURRENT (A)	20A typ (AC IN 110V, Full load), 40A typ (AC IN 220V, Full load) at cold start
EMC / EMI STANDARD	KN15, KN61000-4-2, KN61000-4-3, KN61000-4-4, KN61000-4-5, KN61000-4-6, KN61000-4-11, EN 55022, EN 55024, EN 61000-3-2, EN 61000-3-3
SAFETY STANDARD	K61347-1, K61347-2-13, K62384, EN 60950-1

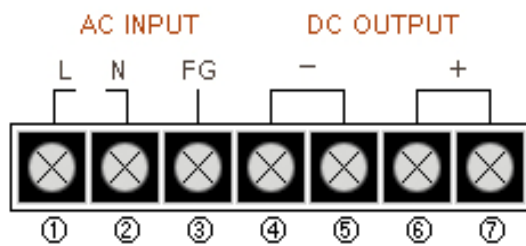
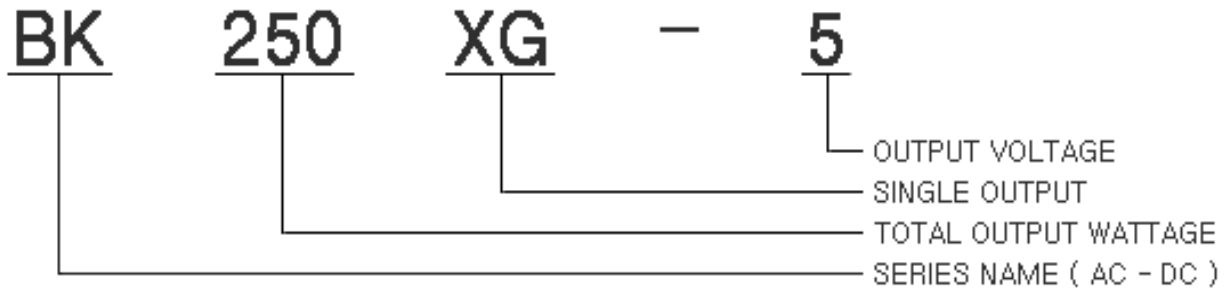
Output Specification

MODEL	REGULATION LINE (mV)	REGULATION LOAD (mV)	RIPPLE (mV)	RIPPLE & NOISE (mV)
BK 250XG – 2	25 max	50 max	50 max	100 max
BK 250XG – 2.7	25 max	50 max	50 max	100 max
BK 250XG – 3	25 max	50 max	50 max	100 max
BK 250XG – 3.2	25 max	50 max	50 max	100 max
BK 250XG – 5	25 max	50 max	50 max	100 max
BK 250XG – 9	45 max	90 max	90 max	140 max
BK 250XG – 12	60 max	120 max	120 max	170 max
BK 250XG – 15	75 max	150 max	150 max	200 max
BK 250XG – 24	120 max	240 max	240 max	290 max
BK 250XG – 28	140 max	280 max	280 max	330 max
BK 250XG – 36	180 max	360 max	360 max	410 max
BK 250XG – 48	240 max	480 max	480 max	530 max
BK 250XG – 72	360 max	720 max	720 max	770 max
BK 250XG – 100	500 max	1000 max	1000 max	1050 max

General Specification

OVER CURRENT PROTECTION	Works at over 110% of rating and recovers automatically	
OVER VOLTAGE PROTECTION	Works at 115~140% of rating	
START ON TIME (S)	1 max (AC IN 110V / 220V, Full load)	
HOLD UP TIME (mS)	10 typ (AC IN 110V / 220V, Full load)	
ADJUSTABLE RANGE	OUTPUT DC \pm 10%	
ENVIRONMENT	Operating temperature and humidity	-10 ~ +80 °C, 20 ~ 90%, RH (Non condensing)
	Storage temperature and humidity	-20 ~ +85 °C, 20 ~ 90%, RH (Non condensing)
	Vibration	10 ~ 55Hz at 1G 3minute periods, 30minute along X, Y and Z axis, at no Operating
	Impact (in package)	Less than 10G
ELECTRICALLY ISOLATED	Input – Output	AC 3,000V 1minute, DC 500V 100M Ω (At room temperature & Humidity)
	Input – Case,FG	AC 1,500V 1minute, DC 500V 100M Ω (At room temperature & Humidity)
	Output – Case	AC 500V 1minute, DC 500V 100M Ω (At room temperature & Humidity)

* ORDERING INFORMATION

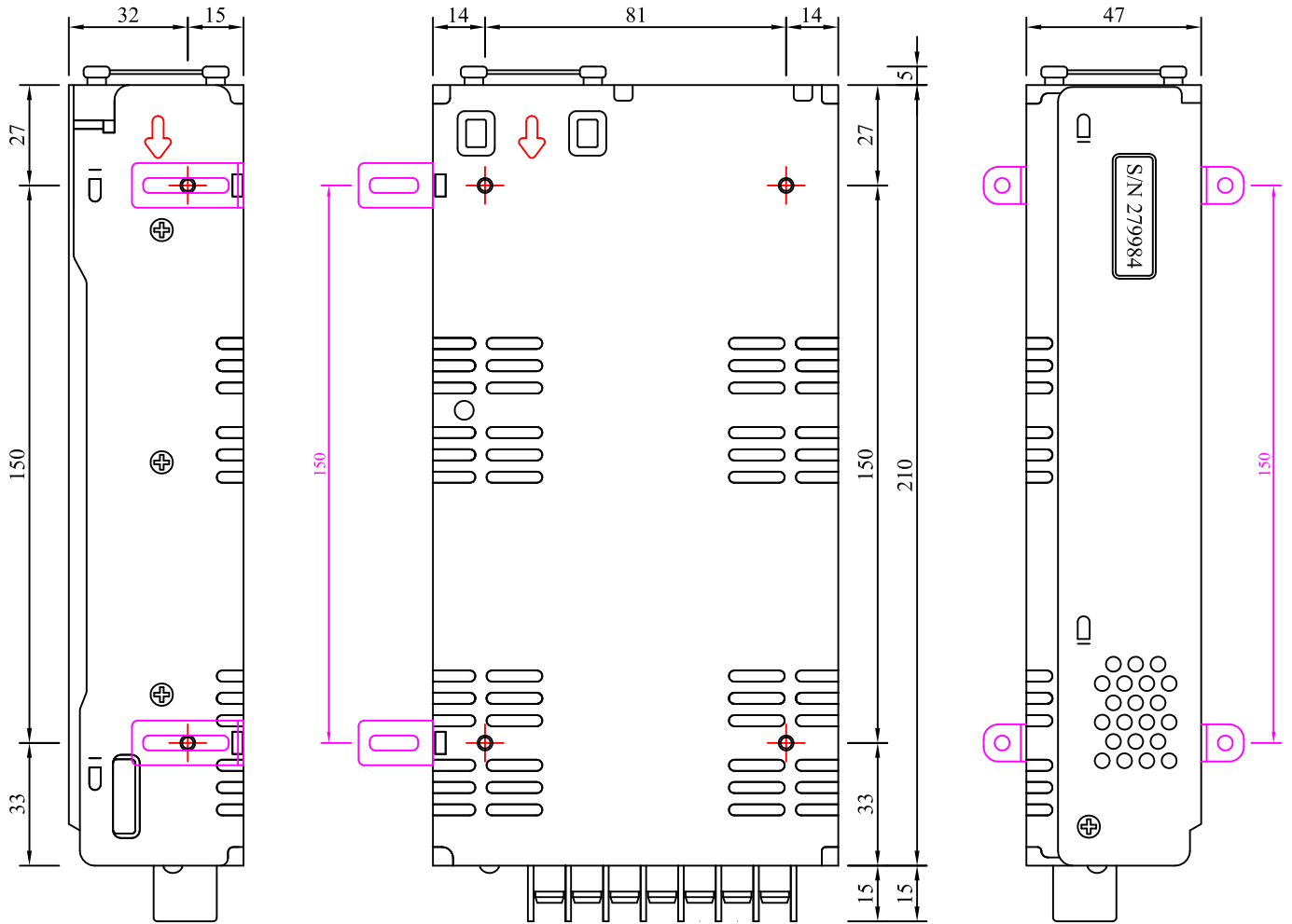


* AC INPUT

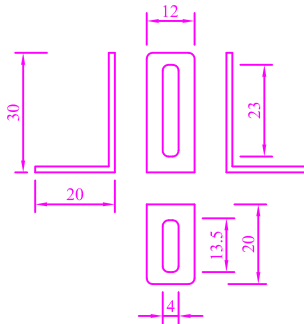
- ① L : AC INPUT HOT LINE
- ② N : AC INPUT NEUTRAL LINE
- ③ FG : FRAME GROUND

* DC OUTPUT

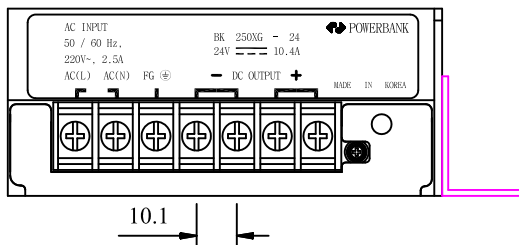
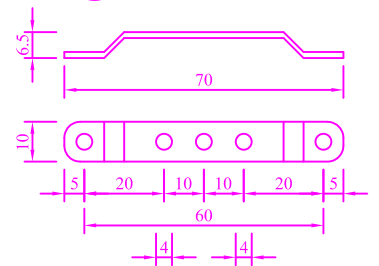
- ④ - : DC GROUND
- ⑤ - : DC GROUND
- ⑥ + : DC OUTPUT
- ⑦ + : DC OUTPUT



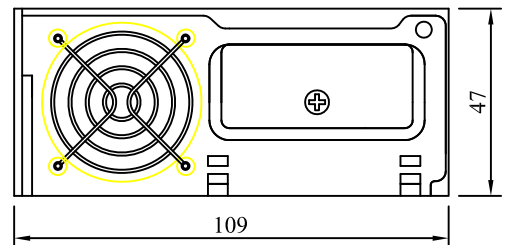
② ㄱ자 브라켓



① 一자 브라켓



40 mm FAN



1. DIMENSION : 210(L) 109(W) 47(H)
2. TERMINAL BLOCK : 10.1 mm
3. MOUNTING HOLE : 6 - M4 TAPS

Power Bank Co., Ltd.			
TITLE		BK 250XG	
DRAWN	SCALE	UNIT	DWG.NO
HYUN.S.H		MM	01 30 13

BK 350XG SERIES

350 Watts AC-DC SMPS
210(L) 109(W) 47(H) mm
Standard Specifications

K C 인증



Single Output

MODEL (Standard Model)

MODEL	OUTPUT		SIZE (mm)	WEIGHT (kg)
	VOLTAGE	CURRENT		
BK 350XG - 12	12 V	29.1 A	L : 210 mm W : 109 mm H : 47 mm	1.07 kg
BK 350XG - 15	15 V	23.3 A		
BK 350XG - 24	24 V	14.5 A		
BK 350XG - 28	28 V	12.5 A		
BK 350XG - 30	30 V	11.6 A		
BK 350XG - 36	36 V	9.7 A		
BK 350XG - 48	48 V	7.2 A		

Input Specification

INPUT VOLTAGE (Vac)	95 - 130Vac or 195 - 265Vac
FREQUENCY (Hz)	50 / 60Hz
EFFICIENCY (%)	89% minimum (base on 24V)
INRUSH CURRENT (A)	30A typ (AC IN 110V, Full load), 60A typ (AC IN 220V, Full load) at cold start
EMC / EMI STANDARD	KN15, KN61000-4-2, KN61000-4-3, KN61000-4-4, KN61000-4-5, KN61000-4-6, KN61000-4-11, EN 55022, EN 55024, EN 61000-3-2, EN 61000-3-3
SAFETY STANDARD	K61347-1, K61347-2-13, K62384, EN 60950-1

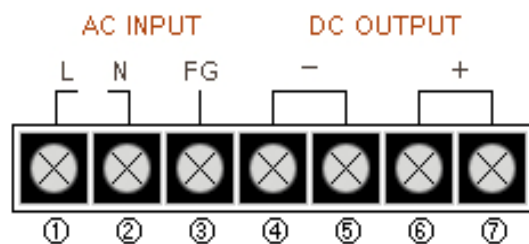
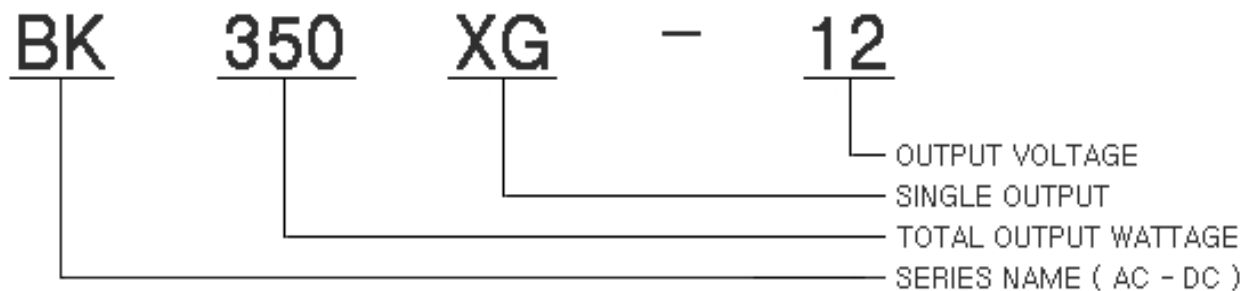
Output Specification

MODEL	REGULATION LINE (mV)	REGULATION LOAD (mV)	RIPPLE (mV)	RIPPLE & NOISE (mV)
BK 350XG - 12	60 max	120 max	120 max	170 max
BK 350XG - 15	75 max	150 max	150 max	200 max
BK 350XG - 24	120 max	240 max	240 max	290 max
BK 350XG - 28	140 max	280 max	280 max	330 max
BK 350XG - 30	150 max	300 max	300 max	350 max
BK 350XG - 36	180 max	360 max	360 max	410 max
BK 350XG - 48	240 max	480 max	480 max	530 max

General Specification

OVER CURRENT PROTECTION	Works at over 110% of rating and recovers automatically	
OVER VOLTAGE PROTECTION	Works at 115~140% of rating	
START ON TIME (S)	1 max (AC IN 110V / 220V, Full load)	
HOLD UP TIME (mS)	10 typ (AC IN 110V / 220V, Full load)	
ADJUSTABLE RANGE	OUTPUT DC \pm 10%	
ENVIRONMENT	Operating temperature and humidity	-10 ~ +80 °C, 20 ~ 90%, RH (Non condensing)
	Storage temperature and humidity	-20 ~ +85 °C, 20 ~ 90%, RH (Non condensing)
	Vibration	10 ~ 55Hz at 1G 3minute periods, 30minute along X, Y and Z axis, at no Operating
	Impact (in package)	Less than 10G
ELECTRICALLY ISOLATED	Input - Output	AC 3,000V 1minute, DC 500V 100M Ω (At room temperature & Humidity)
	Input - Case,FG	AC 1,500V 1minute, DC 500V 100M Ω (At room temperature & Humidity)
	Output - Case	AC 500V 1minute, DC 500V 100M Ω (At room temperature & Humidity)

* ORDERING INFORMATION

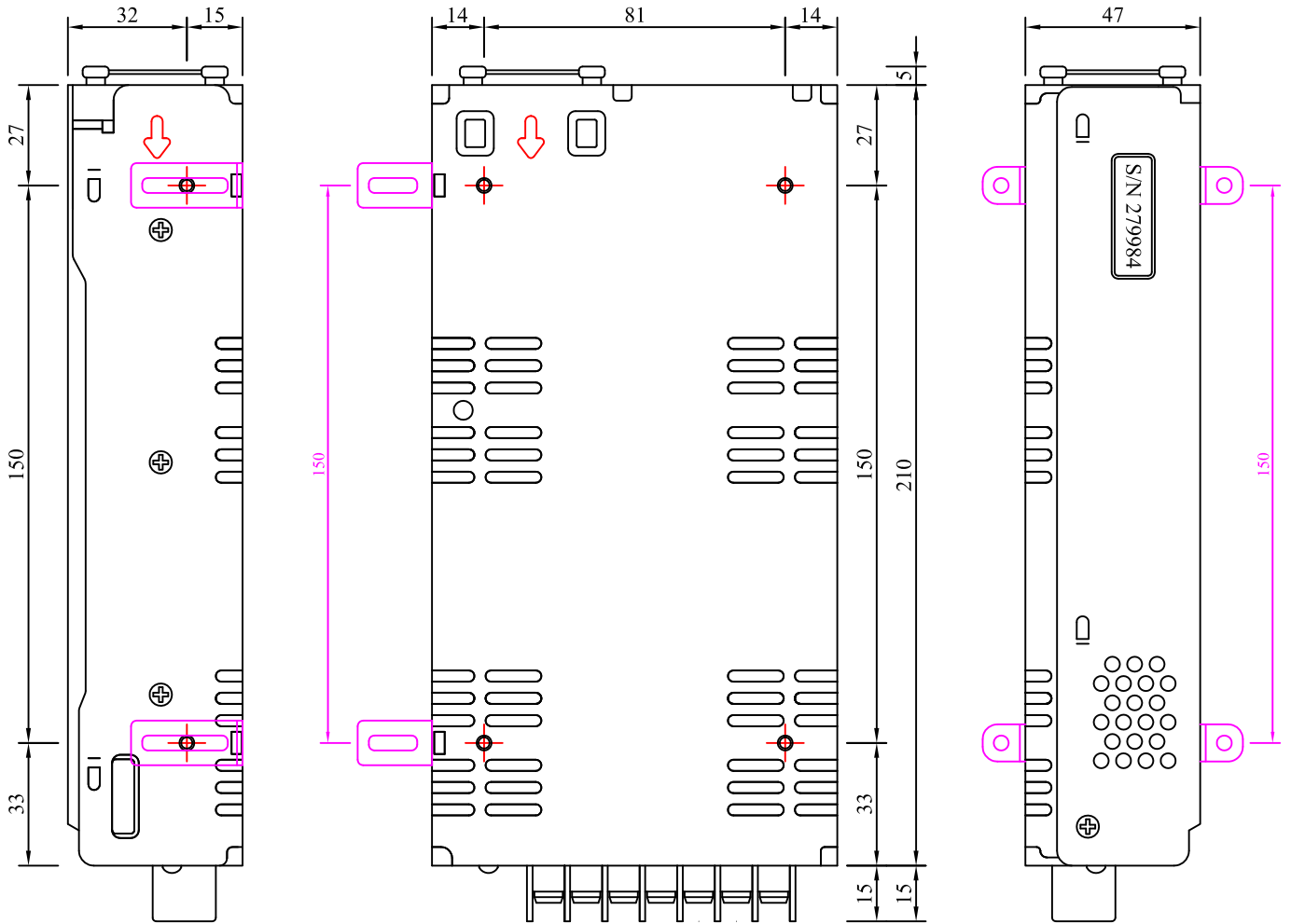


* AC INPUT

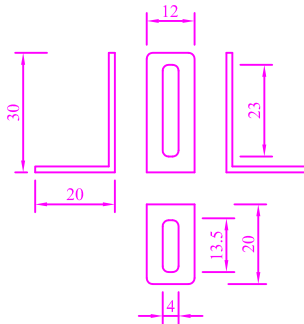
- ① L : AC INPUT HOT LINE
- ② N : AC INPUT NEUTRAL LINE
- ③ FG : FRAME GROUND

* DC OUTPUT

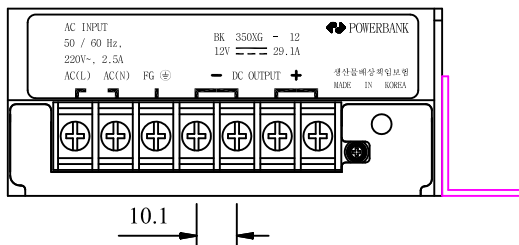
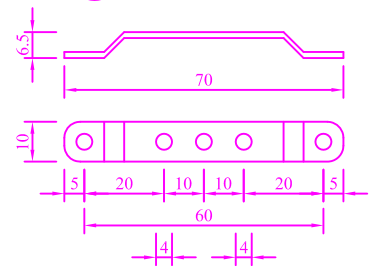
- ④ - : DC GROUND
- ⑤ - : DC GROUND
- ⑥ + : DC OUTPUT
- ⑦ + : DC OUTPUT



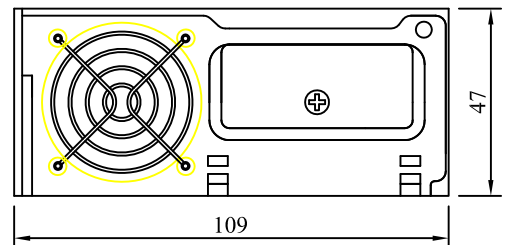
② ㄱ자 브라켓



① 一자 브라켓



40 mm FAN



1. DIMENSION : 210(L) 109(W) 47(H)
2. TERMINAL BLOCK : 10.1 mm
3. MOUNTING HOLE : 6 - M4 TAPS

Power Bank Co., Ltd.			
TITLE		BK 350XG	
DRAWN	SCALE	UNIT	DWG.NO
HYUN.S.H		MM	01 30 13

BK 400XG SERIES

400 Watts AC-DC SMPS
235(L) 130(W) 56(H) mm
Standard Specifications

K C 인증
C E 인증



Single Output

MODEL (Standard Model)

MODEL	OUTPUT		SIZE (mm)	WEIGHT (kg)
	VOLTAGE	CURRENT		
BK 400XG - 5	5 V	80 A	L : 235 mm W : 130 mm H : 56 mm	1.23 kg
BK 400XG - 9	9 V	44.4 A		
BK 400XG - 12	12 V	33.3 A		
BK 400XG - 13.8	13.8 V	28.9 A		
BK 400XG - 15	15 V	26.6 A		
BK 400XG - 24	24 V	16.6 A		
BK 400XG - 28	28 V	14.2 A		
BK 400XG - 30	30 V	13.3 A		
BK 400XG - 36	36 V	11.1 A		
BK 400XG - 48	48 V	8.3 A		

Input Specification

INPUT VOLTAGE (Vac)	95 - 130Vac or 195 - 265Vac
FREQUENCY (Hz)	50 / 60Hz
EFFICIENCY (%)	89% minimum (base on 24V)
INRUSH CURRENT (A)	30A typ (AC IN 110V, Full load), 60A typ (AC IN 220V, Full load) at cold start
EMC / EMI STANDARD	K00015, K61547, EN 55022, EN 55024, EN 61000-3-2, EN 61000-3-3
SAFETY STANDARD	K61347-1, K61347-2-13, K62384, EN 60950-1

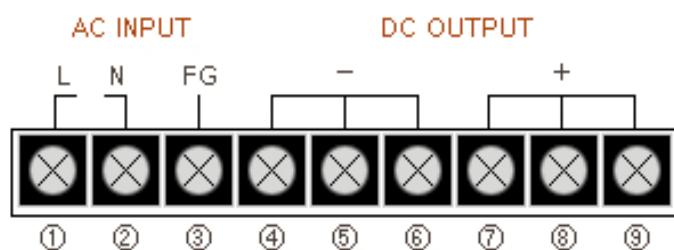
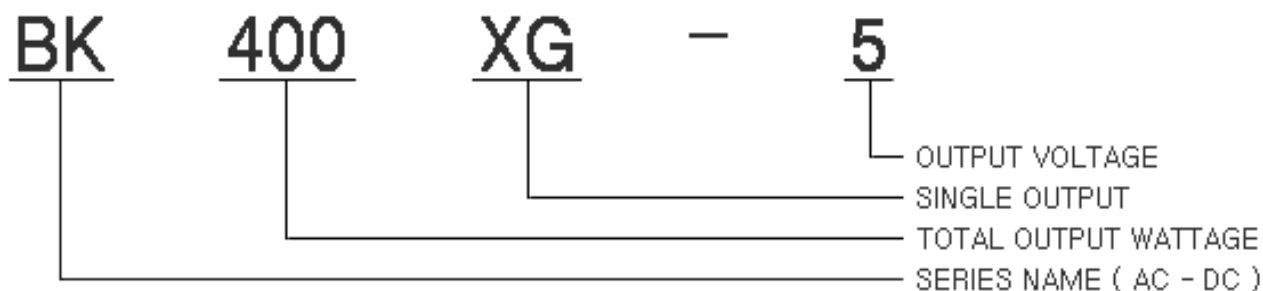
Output Specification

MODEL	REGULATION LINE (mV)	REGULATION LOAD (mV)	RIPPLE (mV)	RIPPLE & NOISE (mV)
BK 400XG – 5	25 max	50 max	50 max	100 max
BK 400XG – 9	45 max	90 max	90 max	140 max
BK 400XG – 12	60 max	120 max	120 max	170 max
BK 400XG – 13.8	69 max	138 max	138 max	188 max
BK 400XG – 15	75 max	150 max	150 max	200 max
BK 400XG – 24	120 max	240 max	240 max	290 max
BK 400XG – 28	140 max	280 max	280 max	330 max
BK 400XG – 30	150 max	300 max	300 max	350 max
BK 400XG – 36	180 max	360 max	360 max	410 max
BK 400XG – 48	240 max	480 max	480 max	530 max

General Specification

OVER CURRENT PROTECTION	Works at over 110% of rating and recovers automatically	
OVER VOLTAGE PROTECTION	Works at 115~140% of rating	
START ON TIME (S)	1 max (AC IN 110V / 220V, Full load)	
HOLD UP TIME (mS)	10 typ (AC IN 110V / 220V, Full load)	
ADJUSTABLE RANGE	OUTPUT DC \pm 10%	
ENVIRONMENT	Operating temperature and humidity	-10 ~ +80 °C, 20 ~ 90%, RH (Non condensing)
	Storage temperature and humidity	-20 ~ +85 °C, 20 ~ 90%, RH (Non condensing)
	Vibration	10 ~ 55Hz at 1G 3minute periods, 30minute along X, Y and Z axis, at no Operating
	Impact (in package)	Less than 10G
ELECTRICALLY ISOLATED	Input – Output	AC 3,000V 1minute, DC 500V 100M Ω (At room temperature & Humidity)
	Input – Case,FG	AC 1,500V 1minute, DC 500V 100M Ω (At room temperature & Humidity)
	Output – Case	AC 500V 1minute, DC 500V 100M Ω (At room temperature & Humidity)

* ORDERING INFORMATION

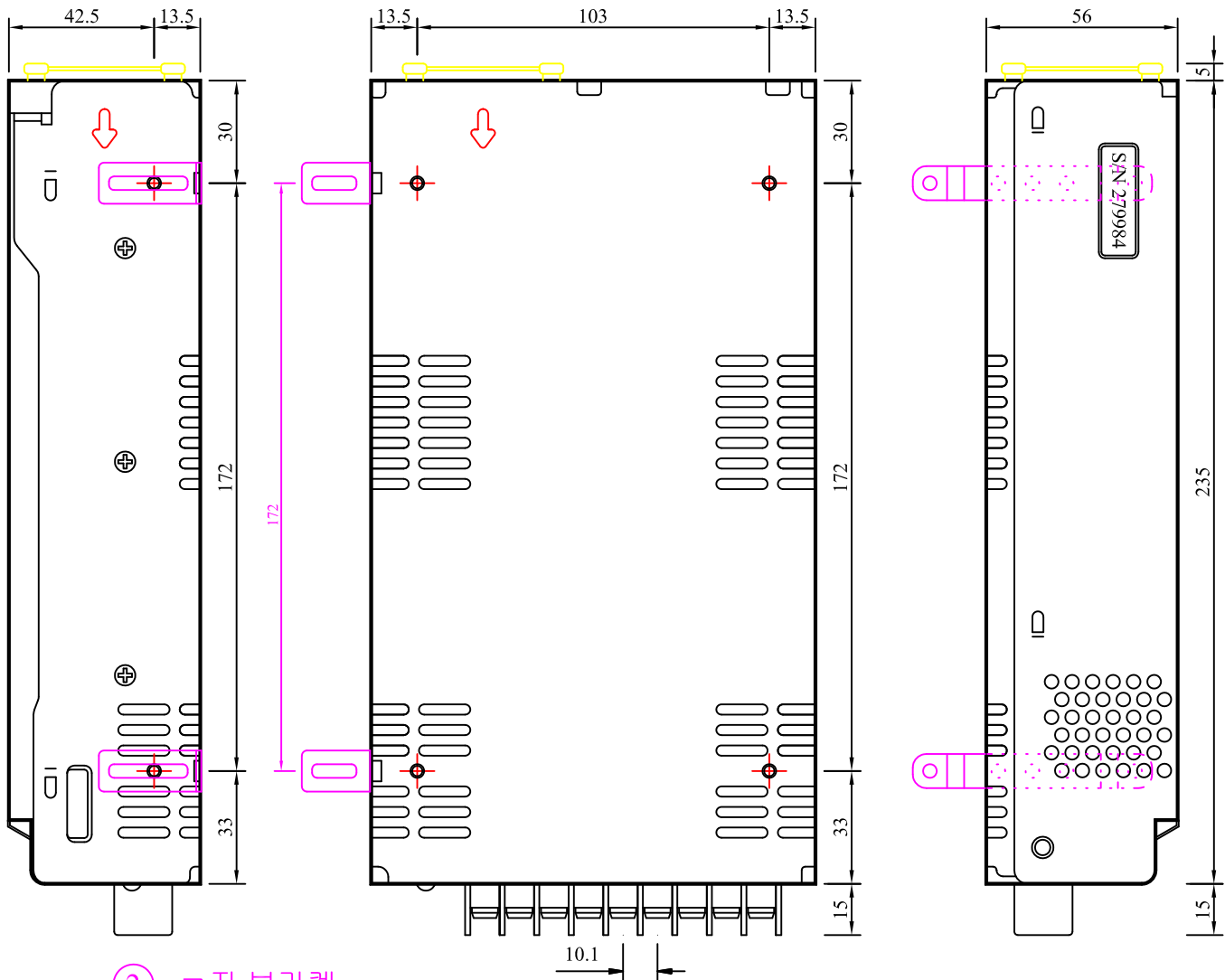


* AC INPUT

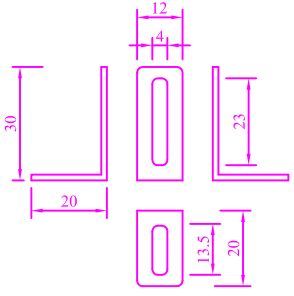
- ① L : AC INPUT HOT LINE
- ② N : AC INPUT NEUTRAL LINE
- ③ FG : FRAME GROUND

* DC OUTPUT

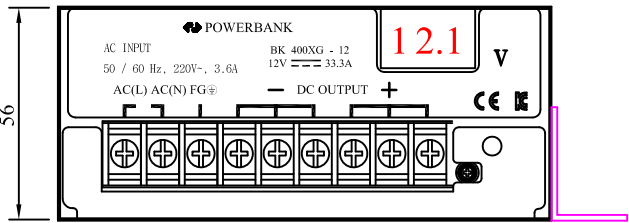
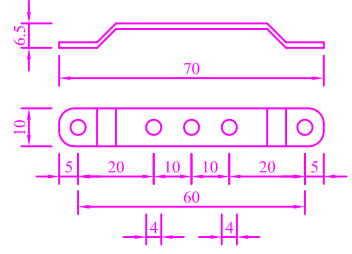
- ④ - : DC GROUND
- ⑤ - : DC GROUND
- ⑥ - : DC GROUND
- ⑦ + : DC OUTPUT
- ⑧ + : DC OUTPUT
- ⑨ + : DC OUTPUT



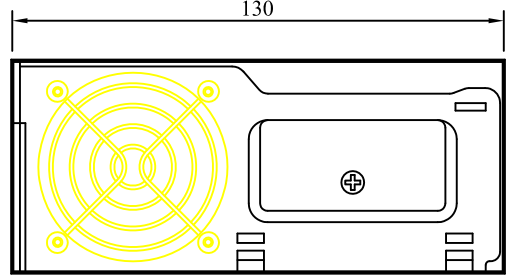
② ㄱ자 브라켓



① 一자 브라켓



50 mm FAN



1. DIMENSION : 235(L) 130(W) 56(H)
2. TERMINAL BLOCK : 10.1 mm
3. MOUNTING HOLE : 6 - M4 TAPS

Power Bank Co., Ltd.			
TITLE		BK 400XG	
DRAWN	SCALE	UNIT	DWG.NO
HYUN.S.H		MM	06 07 13

BK 500XG SERIES

500 Watts AC-DC SMPS
251(L) 130(W) 56(H) mm
Standard Specifications

K C 인증
C E 인증



Single Output

MODEL (Standard Model)

MODEL	OUTPUT		SIZE (mm)	WEIGHT (kg)
	VOLTAGE	CURRENT		
BK 500XG - 12	12 V	41.6 A	L : 251 mm W : 130 mm H : 56 mm	1.59 kg
BK 500XG - 15	15 V	33.3 A		
BK 500XG - 24	24 V	20.8 A		
BK 500XG - 28	28 V	17.8 A		
BK 500XG - 30	30 V	16.6 A		
BK 500XG - 36	36 V	13.8 A		
BK 500XG - 48	48 V	10.4 A		
BK 500XG - 72	72 V	6.9 A		
BK 500XG - 100	100 V	5 A		

Input Specification

INPUT VOLTAGE (Vac)	95 - 130Vac or 195 - 265Vac
FREQUENCY (Hz)	50 / 60Hz
EFFICIENCY (%)	89% minimum (base on 24V)
INRUSH CURRENT (A)	30A typ (AC IN 110V, Full load), 60A typ (AC IN 220V, Full load) at cold start
EMC / EMI STANDARD	K00015, K61547, EN 55022, EN 55024
SAFETY STANDARD	K61347-1, K61347-2-13, K62384, EN 60950-1

Output Specification

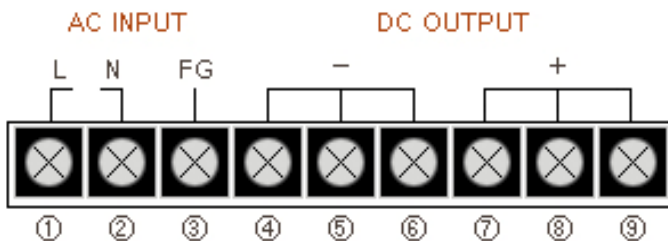
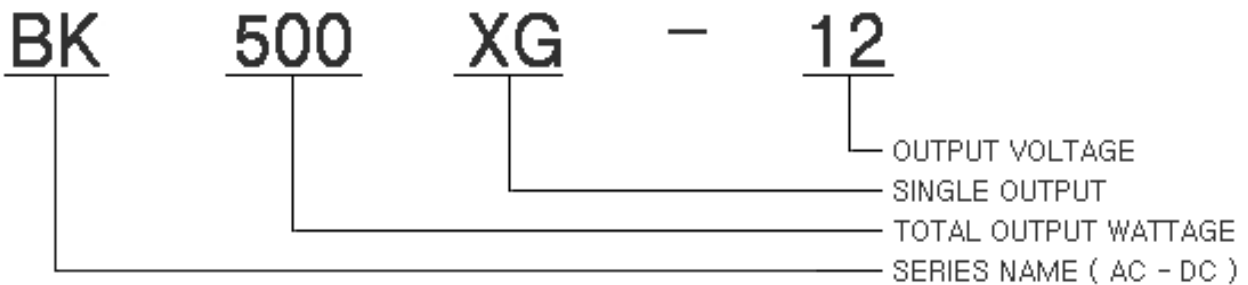
MODEL	REGULATION LINE (mV)	REGULATION LOAD (mV)	RIPPLE (mV)	RIPPLE & NOISE (mV)
BK 500XG - 12	60 max	120 max	120 max	170 max
BK 500XG - 15	75 max	150 max	150 max	200 max
BK 500XG - 24	120 max	240 max	240 max	290 max
BK 500XG - 28	140 max	280 max	280 max	330 max
BK 500XG - 30	150 max	300 max	300 max	350 max
BK 500XG - 36	180 max	360 max	360 max	410 max
BK 500XG - 48	240 max	480 max	480 max	530 max
BK 500XG - 72	360 max	720 max	720 max	770 max

BK 500XG – 100	500 max	1000 max	1000 max	1050 max
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General Specification

OVER CURRENT PROTECTION	Works at over 110% of rating and recovers automatically	
OVER VOLTAGE PROTECTION	Works at 115~140% of rating	
START ON TIME (S)	1 max (AC IN 110V / 220V, Full load)	
HOLD UP TIME (mS)	10 typ (AC IN 110V / 220V, Full load)	
ADJUSTABLE RANGE	OUTPUT DC \pm 10%	
ENVIRONMENT	Operating temperature and humidity	-10 ~ +80 °C, 20 ~ 90%, RH (Non condensing)
	Storage temperature and humidity	-20 ~ +85 °C, 20 ~ 90%, RH (Non condensing)
	Vibration	10 ~ 55Hz at 1G 3minute periods, 30minute along X, Y and Z axis, at no Operating
	Impact (in package)	Less than 10G
ELECTRICALLY ISOLATED	Input – Output	AC 3,000V 1minute, DC 500V 100M Ω (At room temperature & Humidity)
	Input – Case,FG	AC 1,500V 1minute, DC 500V 100M Ω (At room temperature & Humidity)
	Output – Case	AC 500V 1minute, DC 500V 100M Ω (At room temperature & Humidity)

* ORDERING INFORMATION

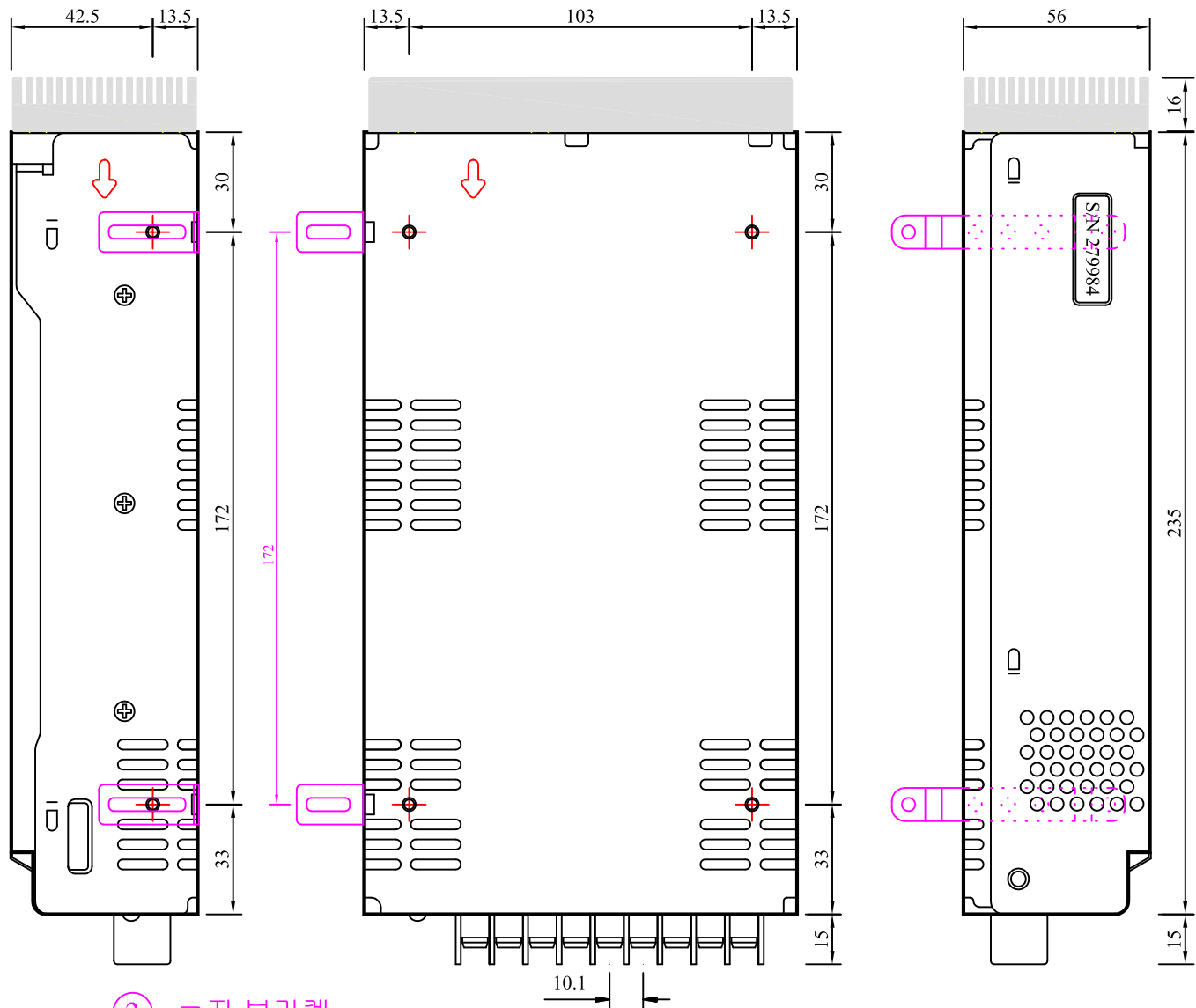


* AC INPUT

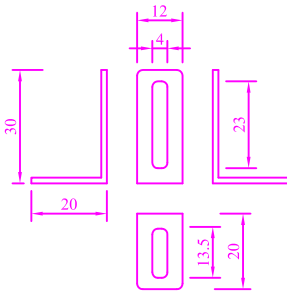
- ① L : AC INPUT HOT LINE
- ② N : AC INPUT NEUTRAL LINE
- ③ FG : FRAME GROUND

* DC OUTPUT

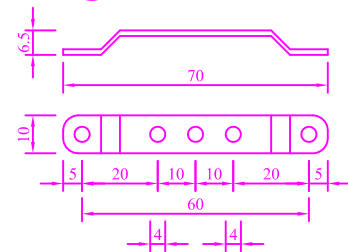
- ④ - : DC GROUND
- ⑤ - : DC GROUND
- ⑥ - : DC GROUND
- ⑦ + : DC OUTPUT
- ⑧ + : DC OUTPUT
- ⑨ + : DC OUTPUT



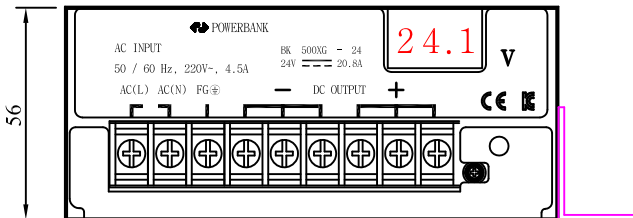
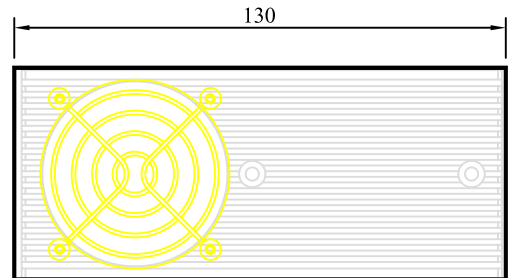
② ㄱ자 브라켓



① 一자 브라켓



50 mm FAN



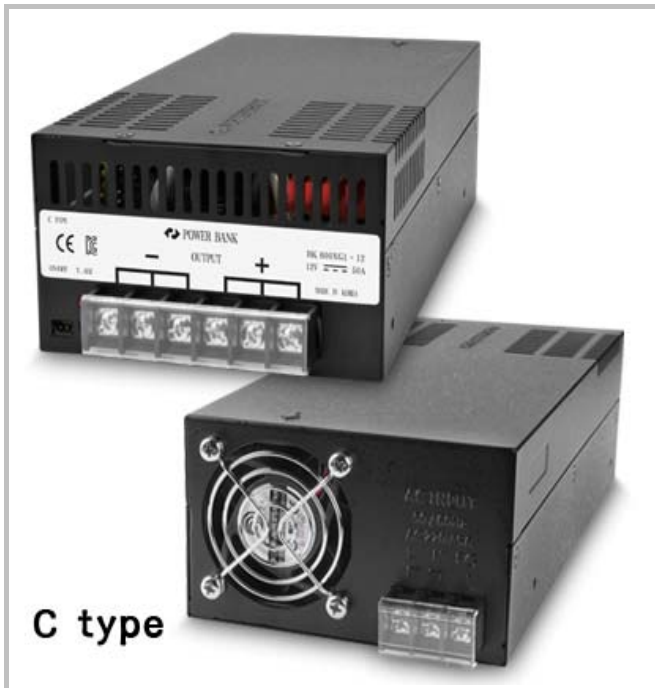
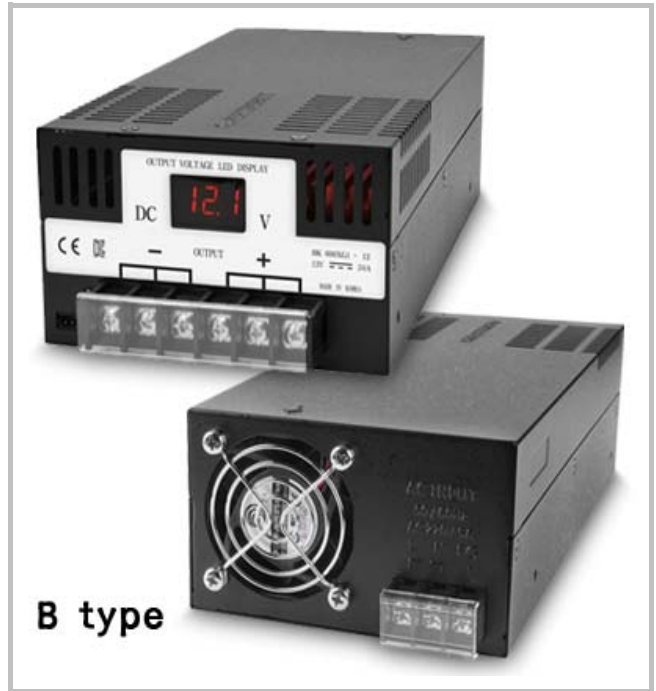
1. DIMENSION : 251(L) 130(W) 56(H)
2. TERMINAL BLOCK : 10.1 mm
3. MOUNTING HOLE : 6 - M4 TAPS

Power Bank Co., Ltd.			
TITLE		BK 500XG	
DRAWN	SCALE	UNIT	DWG.NO
HYUN.S.H		MM	06 07 13

BK 600XG1 SERIES 2

600 Watts AC-DC SMPS
246(L) 125(W) 75(H) mm
Standard Specifications

K C 인증
C E 인증



Single Output

MODEL (Standard Model)

MODEL	OUTPUT		SIZE (mm)	WEIGHT (kg)
	VOLTAGE	CURRENT		
BK 600XG1 – 5	5 V	120 A	L : 246 mm W : 125 mm H : 75 mm	2.36 kg
BK 600XG1 – 9	9 V	66.6 A		
BK 600XG1 – 12	12 V	50 A		
BK 600XG1 – 15	15 V	40 A		
BK 600XG1 – 24	24 V	25 A		
BK 600XG1 – 28	28 V	21.4 A		
BK 600XG1 – 30	30 V	20 A		
BK 600XG1 – 36	36 V	16.6 A		
BK 600XG1 – 48	48 V	12.5 A		

Input Specification

INPUT VOLTAGE (Vac)	95 – 130Vac or 195 – 265Vac
FREQUENCY (Hz)	50 / 60Hz
EFFICIENCY (%)	88% minimum (base on 12V)
INRUSH CURRENT (A)	30A typ (AC IN 110V, Full load), 60A typ (AC IN 220V, Full load) at cold start
EMC / EMI STANDARD	K00015, K61547, EN 55022, EN 55024
SAFETY STANDARD	K61347-1, K61347-2-13, K62384, EN 60950-1

Output Specification

MODEL	REGULATION LINE (mV)	REGULATION LOAD (mV)	RIPPLE (mV)	RIPPLE & NOISE (mV)
BK 600XG1 – 5	25 max	50 max	50 max	100 max
BK 600XG1 – 9	45 max	90 max	90 max	140 max
BK 600XG1 – 12	60 max	120 max	120 max	170 max
BK 600XG1 – 15	75 max	150 max	150 max	200 max
BK 600XG1 – 24	120 max	240 max	240 max	290 max
BK 600XG1 – 28	140 max	280 max	280 max	330 max
BK 600XG1 – 30	150 max	300 max	300 max	350 max
BK 600XG1 – 36	180 max	360 max	360 max	410 max
BK 600XG1 – 48	240 max	480 max	480 max	530 max

General Specification

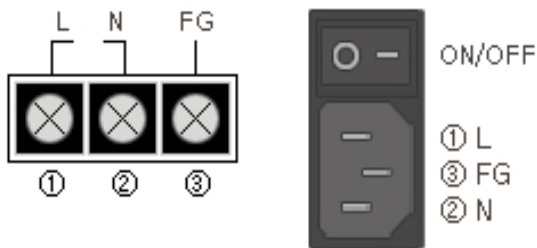
OVER CURRENT PROTECTION	Works at over 110% of rating and recovers automatically
OVER VOLTAGE PROTECTION	Works at 115~140% of rating
START ON TIME (S)	1 max (AC IN 110V / 220V, Full load)
HOLD UP TIME (mS)	10 typ (AC IN 110V / 220V, Full load)
ADJUSTABLE RANGE	OUTPUT DC \pm 10%

ENVIRONMENT	Operating temperature and humidity	-10 ~ +80 °C, 20 ~ 90%, RH (Non condensing)
	Storage temperature and humidity	-20 ~ +85 °C, 20 ~ 90%, RH (Non condensing)
	Vibration	10 ~ 55Hz at 1G 3minute periods, 30minute along X, Y and Z axis, at no Operating
	Impact (in package)	Less than 10G
ELECTRICALLY ISOLATED	Input - Output	AC 3,000V 1minute, DC 500V 100MΩ (At room temperature & Humidity)
	Input - Case,FG	AC 1,500V 1minute, DC 500V 100MΩ (At room temperature & Humidity)
	Output - Case	AC 500V 1minute, DC 500V 100MΩ (At room temperature & Humidity)

* ORDERING INFORMATION



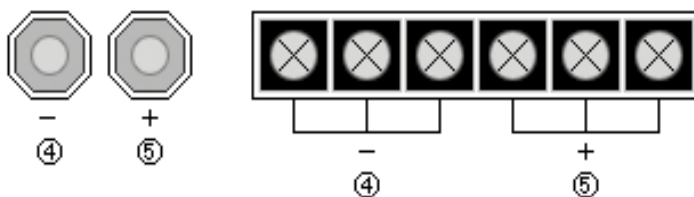
AC INPUT



* AC INPUT

- ① L : AC INPUT HOT LINE
- ② N : AC INPUT NEUTRAL LINE
- ③ FG : FRAME GROUND

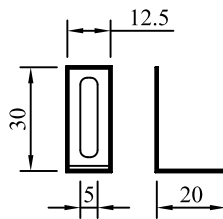
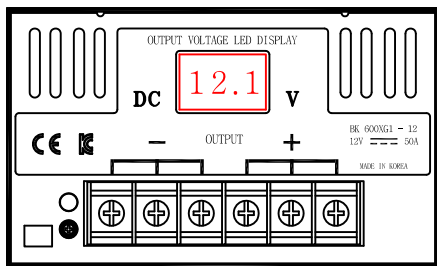
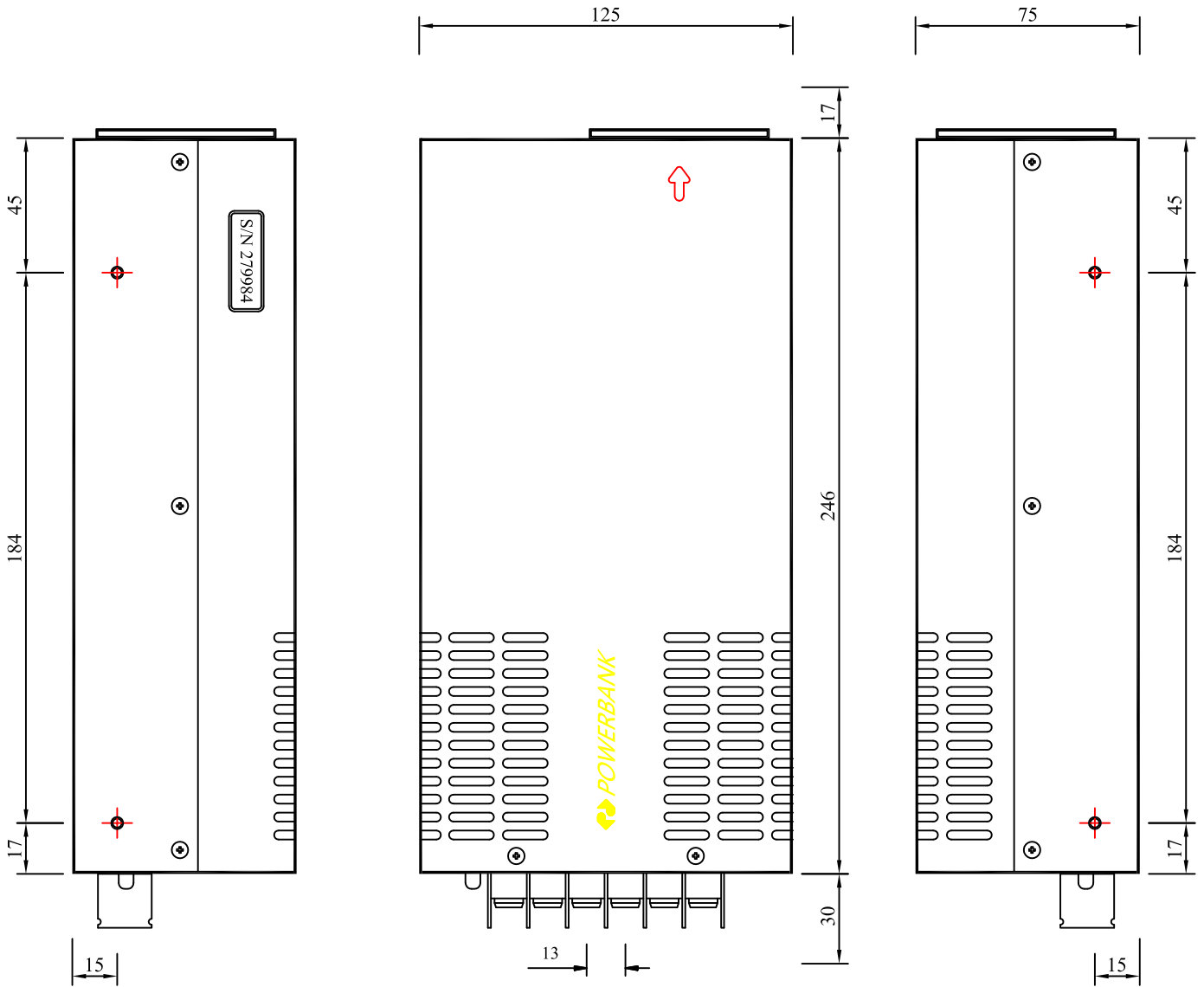
DC OUTPUT



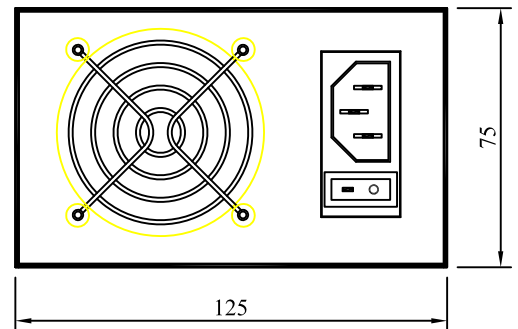
* DC OUTPUT

- ④ - : DC GROUND
- ⑤ + : DC OUTPUT


A type

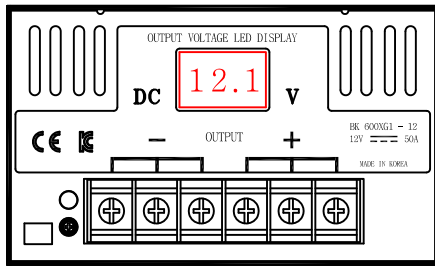


60 mm FAN



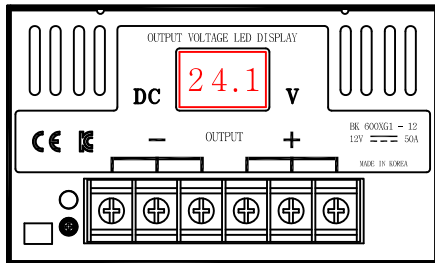
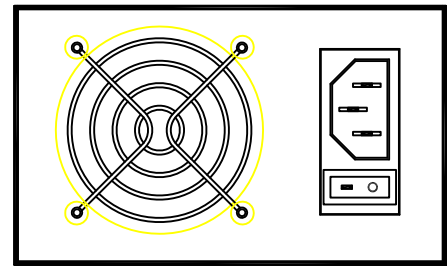
1. DIMENSION : 246(L) 125(W) 75(H)
2. TERMINAL BLOCK : 8 Φ BOLT
3. MOUNTING HOLE : 4 - M4 TAPS

 Power Bank Co., Ltd.			
TITLE		BK 600XG1 KC	
DRAWN	SCALE	UNIT	DWG.NO
HYUN.S.H		MM	06 07 13



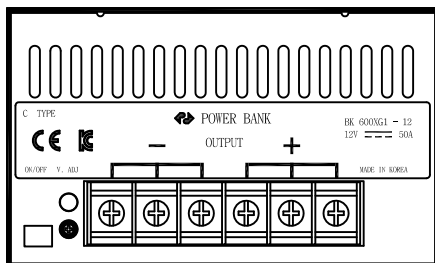
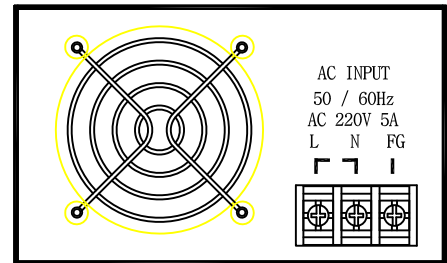
A type

60 mm FAN



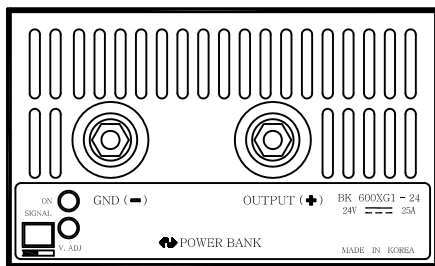
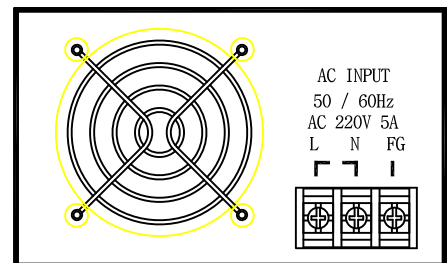
B type

60 mm FAN



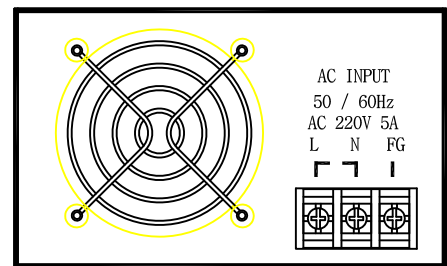
C type

60 mm FAN



D type

60 mm FAN



BK 750S SERIES 2

750 Watts AC-DC SMPS
246(L) 125(W) 75(H) mm
Standard Specifications

K C 인 증



Single Output

MODEL (Standard Model)

MODEL	OUTPUT		SIZE (mm)	WEIGHT (kg)
	VOLTAGE	CURRENT		
BK 750S - 5	5 V	150 A	L : 246 mm W : 125 mm H : 75 mm	2.45 kg
BK 750S - 9	9 V	83.3 A		
BK 750S - 12	12 V	62.5 A		
BK 750S - 15	15 V	50 A		
BK 750S - 24	24 V	31.2 A		
BK 750S - 28	28 V	26.7 A		
BK 750S - 30	30 V	25 A		
BK 750S - 36	36 V	20.8 A		
BK 750S - 48	48 V	15.6 A		

Input Specification

INPUT VOLTAGE (Vac)	95 - 130Vac or 195 - 265Vac
FREQUENCY (Hz)	50 / 60Hz
EFFICIENCY (%)	89% minimum (base on 24V)
INRUSH CURRENT (A)	30A typ (AC IN 110V, Full load), 60A typ (AC IN 220V, Full load) at cold start
EMC / EMI STANDARD	K00015, K61547
SAFETY STANDARD	K61347-1, K61347-2-13, K62384

Output Specification

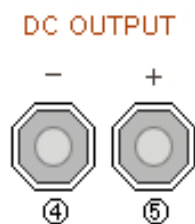
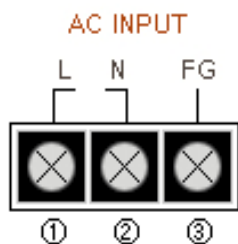
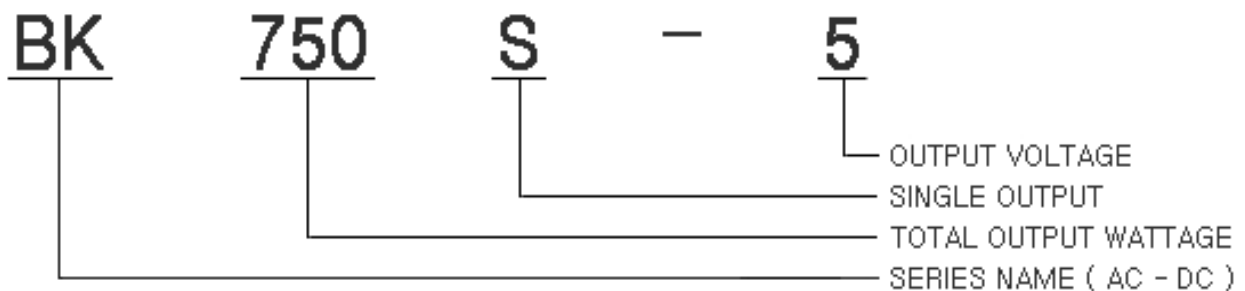
MODEL	REGULATION LINE (mV)	REGULATION LOAD (mV)	RIPPLE (mV)	RIPPLE & NOISE (mV)
BK 750S - 5	25 max	50 max	50 max	100 max
BK 750S - 9	45 max	90 max	90 max	140 max
BK 750S - 12	60 max	120 max	120 max	170 max
BK 750S - 15	75 max	150 max	150 max	200 max
BK 750S - 24	120 max	240 max	240 max	290 max
BK 750S - 28	140 max	280 max	280 max	330 max
BK 750S - 30	150 max	300 max	300 max	350 max
BK 750S - 36	180 max	360 max	360 max	410 max

BK 750S - 48	240 max	480 max	480 max	530 max
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General Specification

OVER CURRENT PROTECTION	Works at over 110% of rating and recovers automatically		
OVER VOLTAGE PROTECTION	Works at 115~140% of rating		
START ON TIME (S)	1 max (AC IN 110V / 220V, Full load)		
HOLD UP TIME (ms)	10 typ (AC IN 110V / 220V, Full load)		
ADJUSTABLE RANGE	OUTPUT DC \pm 10%		
ENVIRONMENT	Operating temperature and humidity	-10 ~ +80 °C, 20 ~ 90%, RH (Non condensing)	
	Storage temperature and humidity	-20 ~ +85 °C, 20 ~ 90%, RH (Non condensing)	
	Vibration	10 ~ 55Hz at 1G 3minute periods, 30minute along X, Y and Z axis, at no Operating	
	Impact (in package)	Less than 10G	
ELECTRICALLY ISOLATED	Input - Output	AC 3,000V 1minute, DC 500V 100M Ω (At room temperature & Humidity)	
	Input - Case,FG	AC 1,500V 1minute, DC 500V 100M Ω (At room temperature & Humidity)	
	Output - Case	AC 500V 1minute, DC 500V 100M Ω (At room temperature & Humidity)	

* ORDERING INFORMATION

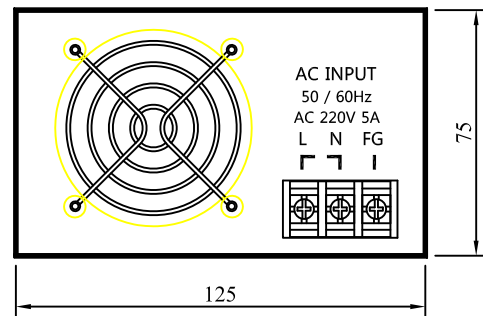
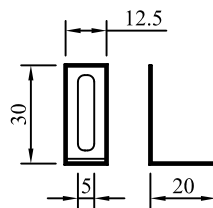
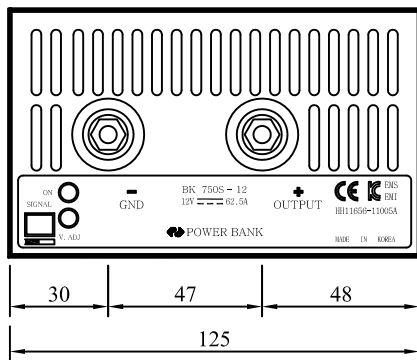
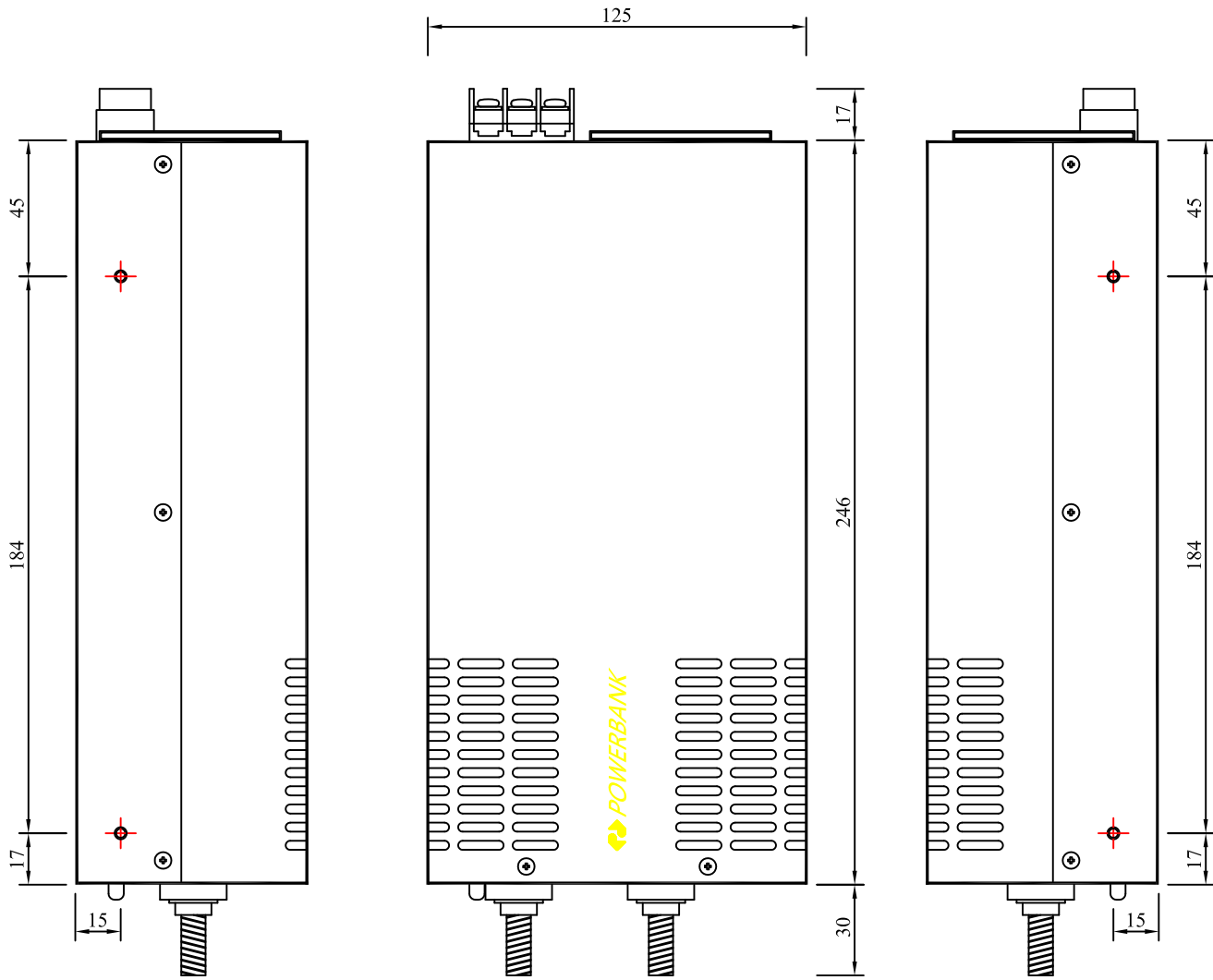


* AC INPUT


- ① L : AC INPUT HOT LINE
- ② N : AC INPUT NEUTRAL LINE
- ③ FG : FRAME GROUND

* DC OUTPUT

- ④ - : DC GROUND
- ⑤ + : DC OUTPUT



1. DIMENSION : 246(L) 125(W) 75(H)
2. TERMINAL BLOCK : 8 Φ BOLT
3. MOUNTING HOLE : 4 - M4 TAPS

 Power Bank Co., Ltd.			
TITLE		BK 750S KC	
DRAWN	SCALE	UNIT	DWG.NO
HYUN.S.H		MM	04 30 11

BK 1000S SERIES 2

1000 Watts AC-DC SMPS
283(L) 160(W) 65(H) mm
Standard Specifications

K C 인증



Single Output

MODEL (Standard Model)

MODEL	OUTPUT		SIZE (mm)	WEIGHT (kg)
	VOLTAGE	CURRENT		
BK 1000S - 12	12 V	83.3 A	L : 283 mm W : 160 mm H : 65 mm	3.12 kg
BK 1000S - 15	15 V	66.6 A		
BK 1000S - 24	24 V	41.6 A		
BK 1000S - 28	28 V	35.7 A		
BK 1000S - 36	36 V	27.7 A		
BK 1000S - 48	48 V	20.8 A		

Input Specification

INPUT VOLTAGE (Vac)	95 - 130Vac or 195 - 265Vac
FREQUENCY (Hz)	50 / 60Hz
EFFICIENCY (%)	81% minimum (base on 12V)
INRUSH CURRENT (A)	30A typ (AC IN 110V, Full load), 60A typ (AC IN 220V, Full load) at cold start
EMC / EMI STANDARD	KN22, KN61000-4-2, KN61000-4-3, KN61000-4-4, KN61000-4-5, KN61000-4-6, KN61000-4-11
SAFETY STANDARD	K61347-1, K61347-2-13, K62384

Output Specification

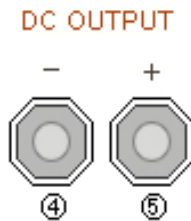
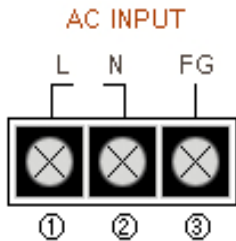
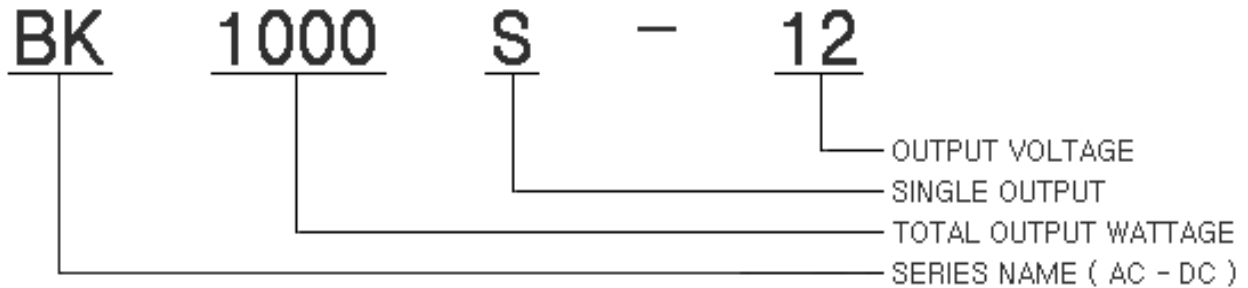
MODEL	REGULATION LINE (mV)	REGULATION LOAD (mV)	RIPPLE (mV)	RIPPLE & NOISE (mV)
BK 1000S - 12	60 max	120 max	120 max	170 max
BK 1000S - 15	75 max	150 max	150 max	200 max
BK 1000S - 24	120 max	240 max	240 max	290 max
BK 1000S - 28	140 max	280 max	280 max	330 max
BK 1000S - 36	180 max	360 max	360 max	410 max
BK 1000S - 48	240 max	480 max	480 max	530 max

General Specification

OVER CURRENT PROTECTION	Works at over 110% of rating and recovers automatically
OVER VOLTAGE PROTECTION	Works at 115~140% of rating

START ON TIME (S)	1 max (AC IN 110V / 220V, Full load)	
HOLD UP TIME (mS)	10 typ (AC IN 110V / 220V, Full load)	
ADJUSTABLE RANGE	OUTPUT DC \pm 10%	
ENVIRONMENT	Operating temperature and humidity	-10 ~ +80 °C, 20 ~ 90%, RH (Non condensing)
	Storage temperature and humidity	-20 ~ +85 °C, 20 ~ 90%, RH (Non condensing)
	Vibration	10 ~ 55Hz at 1G 3minute periods, 30minute along X, Y and Z axis, at no Operating
	Impact (in package)	Less than 10G
ELECTRICALLY ISOLATED	Input - Output	AC 3,000V 1minute, DC 500V 100M Ω (At room temperature & Humidity)
	Input - Case,FG	AC 1,500V 1minute, DC 500V 100M Ω (At room temperature & Humidity)
	Output - Case	AC 500V 1minute, DC 500V 100M Ω (At room temperature & Humidity)

*** ORDERING INFORMATION**

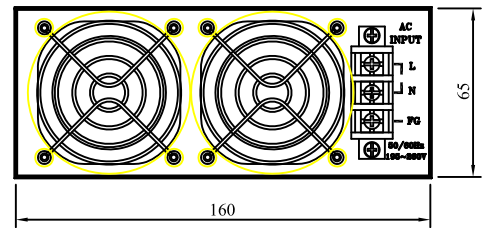
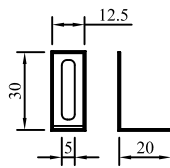
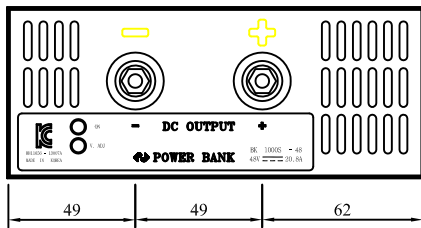
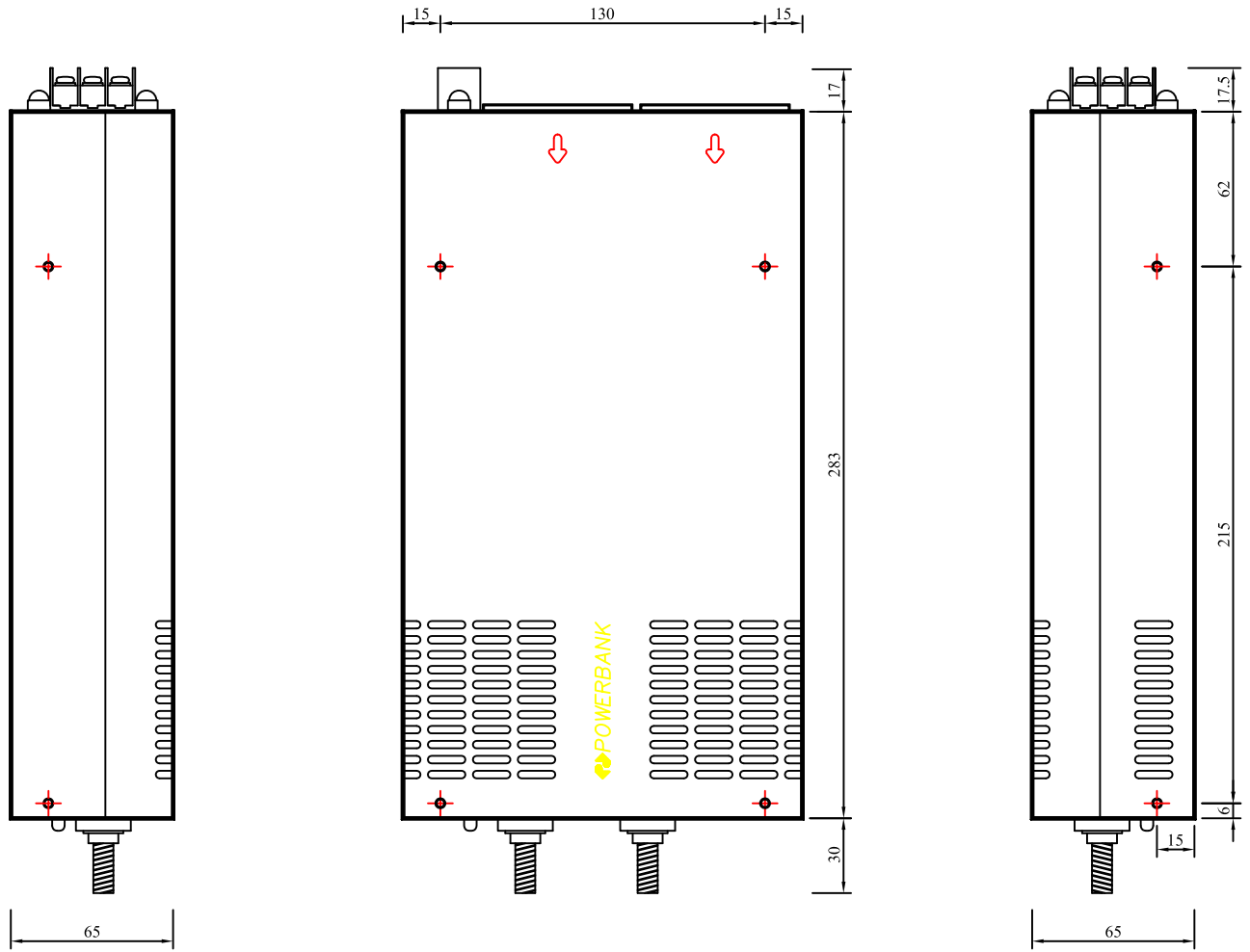


*** AC INPUT**

- ① L : AC INPUT HOT LINE
- ② N : AC INPUT NEUTRAL LINE
- ③ FG : FRAME GROUND

*** DC OUTPUT**

- ④ - : DC GROUND
- ⑤ + : DC OUTPUT



ON/OFF SMPS 를 ON / OFF 제어할 수 있는 기능.

SMPS 를 DC 전압으로 감지할 수 있는 기능. (선택사항)
릴레이에 의해서 ON / OFF 상태를 감지할 수 있는 기능.

1. DIMENSION : 283(L) 160(W) 65(H)
2. TERMINAL BLOCK : 8 Φ BOLT
3. MOUNTING HOLE : 12 - M4 TAPS

Power Bank Co., Ltd.			
TITLE	BK 1000S		
DRAWN	SCALE	UNIT	DWG.NO
HYUN.S.H		MM	07 02 13

BK 1200S SERIES

1200 Watts AC-DC SMPS
283(L) 160(W) 65(H) mm
Standard Specifications



Single Output

MODEL (Standard Model)

MODEL	OUTPUT		SIZE (mm)	WEIGHT (kg)
	VOLTAGE	CURRENT		
BK 1200S - 2.7	2.5 ~ 3 V	180 A	L : 283 mm W : 160 mm H : 65 mm	3.2 kg
BK 1200S - 5	5 V	240 A		
BK 1200S - 9	9 V	133.3 A		
BK 1200S - 12	12 V	100 A		
BK 1200S - 15	15 V	80 A		
BK 1200S - 24	24 V	50 A		
BK 1200S - 36	36 V	33.3 A		
BK 1200S - 48	48 V	25 A		
BK 1200S - 72	72 V	16.6 A		
BK 1200S - 100	100 V	12 A		

Input Specification

INPUT VOLTAGE (Vac)	95 - 130Vac or 195 - 265Vac
FREQUENCY (Hz)	50 / 60Hz
EFFICIENCY (%)	80% minimum (base on 24V)
INRUSH CURRENT (A)	30A typ (AC IN 110V, Full load), 60A typ (AC IN 220V, Full load) at cold start
EMC / EMI STANDARD	KN22, KN61000-4-2, KN61000-4-3, KN61000-4-4, KN61000-4-5, KN61000-4-6, KN61000-4-11
SAFETY STANDARD	K61347-1, K61347-2-13, K62384

Output Specification

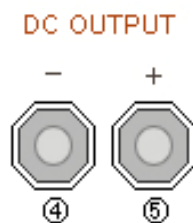
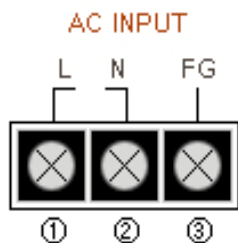
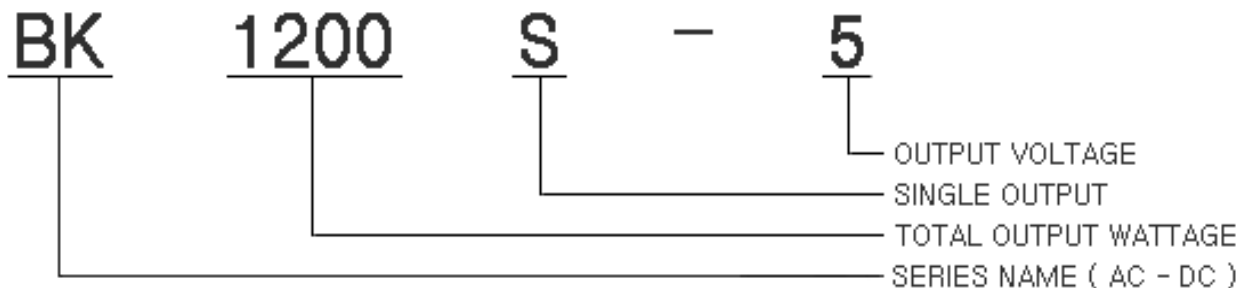
MODEL	REGULATION LINE (mV)	REGULATION LOAD (mV)	RIPPLE (mV)	RIPPLE & NOISE (mV)
BK 1200S - 2.7	25 max	50 max	50 max	100 max
BK 1200S - 5	25 max	50 max	50 max	100 max
BK 1200S - 9	45 max	90 max	90 max	140 max
BK 1200S - 12	60 max	120 max	120 max	170 max
BK 1200S - 15	75 max	150 max	150 max	200 max
BK 1200S - 24	120 max	240 max	240 max	290 max

BK 1200S – 36	180 max	360 max	360 max	410 max
BK 1200S – 48	240 max	480 max	480 max	530 max
BK 1200S – 72	360 max	720 max	720 max	770 max
BK 1200S – 100	500 max	1000 max	1000 max	1050 max

General Specification

OVER CURRENT PROTECTION	Works at over 110% of rating and recovers automatically	
OVER VOLTAGE PROTECTION	Works at 115~140% of rating	
START ON TIME (S)	1 max (AC IN 110V / 220V, Full load)	
HOLD UP TIME (mS)	10 typ (AC IN 110V / 220V, Full load)	
ADJUSTABLE RANGE	OUTPUT DC \pm 10%	
ENVIRONMENT	Operating temperature and humidity	-10 ~ +80 °C, 20 ~ 90%, RH (Non condensing)
	Storage temperature and humidity	-20 ~ +85 °C, 20 ~ 90%, RH (Non condensing)
	Vibration	10 ~ 55Hz at 1G 3minute periods, 30minute along X, Y and Z axis, at no Operating
	Impact (in package)	Less than 10G
ELECTRICALLY ISOLATED	Input – Output	AC 1,500V 1minute, DC 500V 100M Ω (At room temperature & Humidity)
	Input – Case,FG	AC 1,500V 1minute, DC 500V 100M Ω (At room temperature & Humidity)
	Output – Case	AC 500V 1minute, DC 500V 100M Ω (At room temperature & Humidity)

* ORDERING INFORMATION

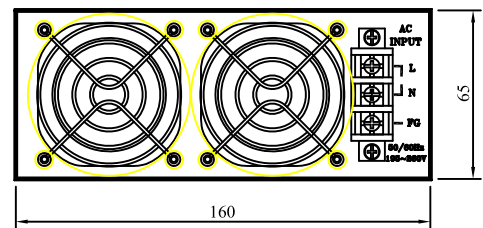
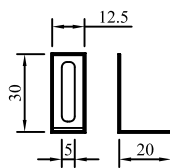
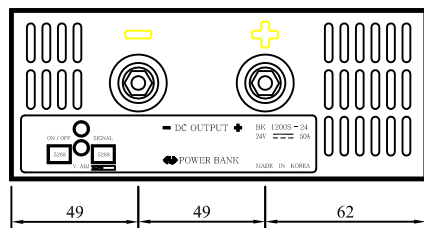
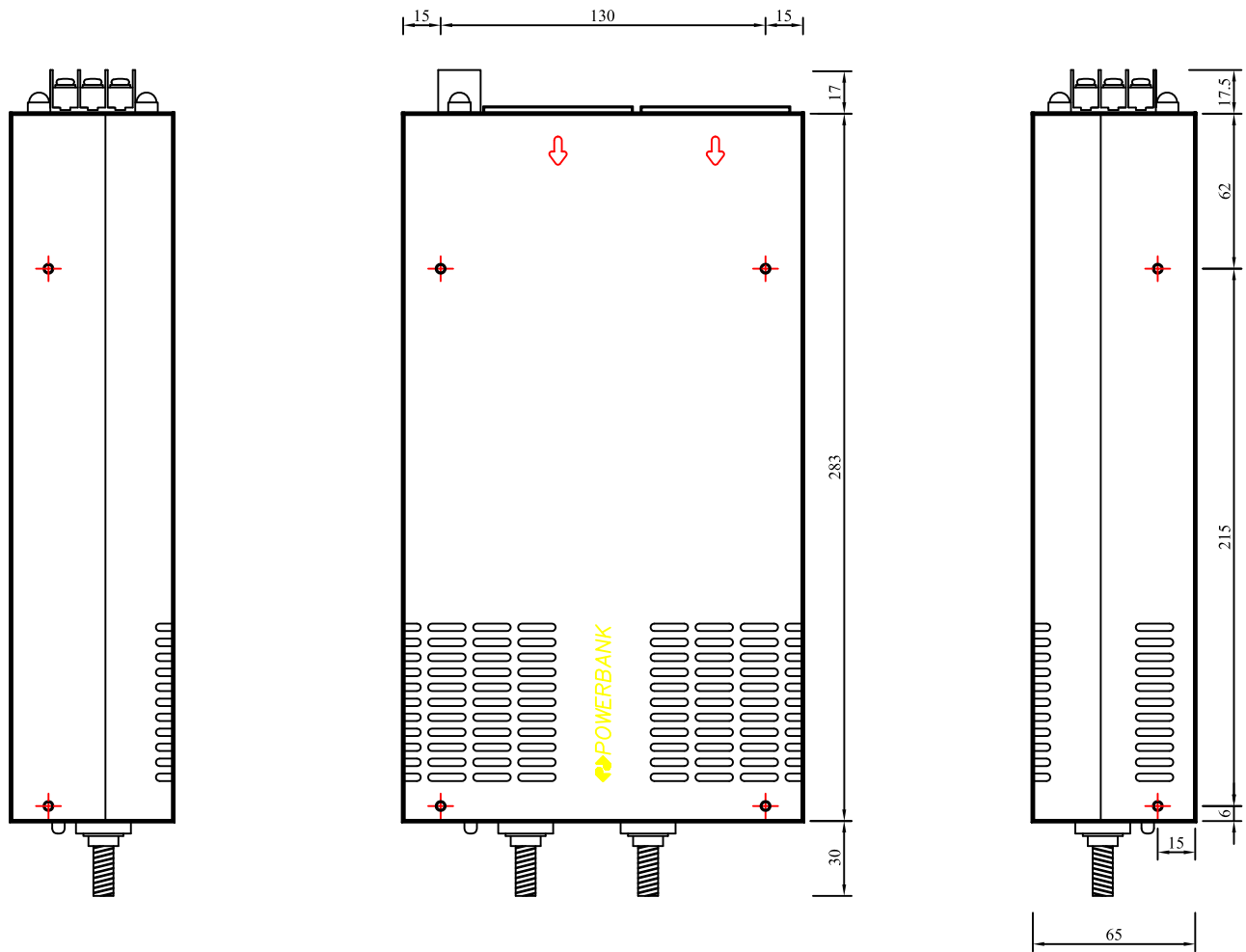


* AC INPUT

- ① L : AC INPUT HOT LINE
- ② N : AC INPUT NEUTRAL LINE
- ③ FG : FRAME GROUND

* DC OUTPUT

- ④ - : DC GROUND
- ⑤ + : DC OUTPUT



SMPS 를 ON / OFF 제어할 수 있는 기능.



SMPS 를 DC 전압으로 감지할 수 있는 기능. (선택사항)
릴레이에 의해서 ON / OFF 상태를 감지할 수 있는 기능.

1. DIMENSION : 283(L) 160(W) 65(H)
2. TERMINAL BLOCK : 8 Φ BOLT
3. MOUNTING HOLE : 12 - M4 TAPS

Power Bank Co., Ltd.			
TITLE	BK 1200S		
DRAWN	SCALE	UNIT	DWG.NO
HYUN.S.H		MM	10 01 10

BK 1500 SERIES

1500 Watts AC-DC SMPS
318(L) 205(W) 73(H) mm
Standard Specifications



Single Output

MODEL (Standard Model)

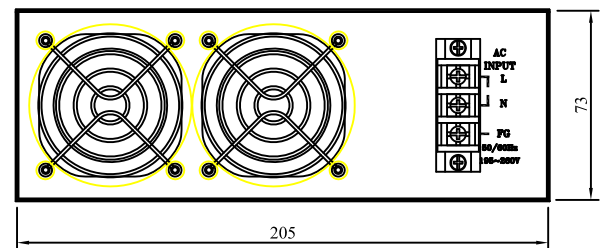
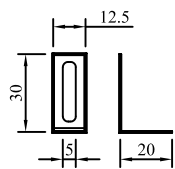
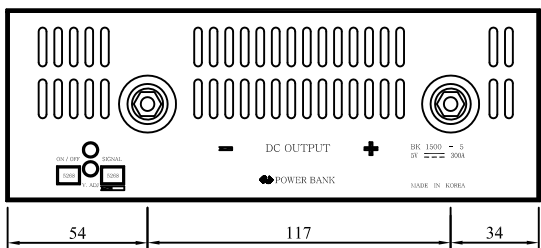
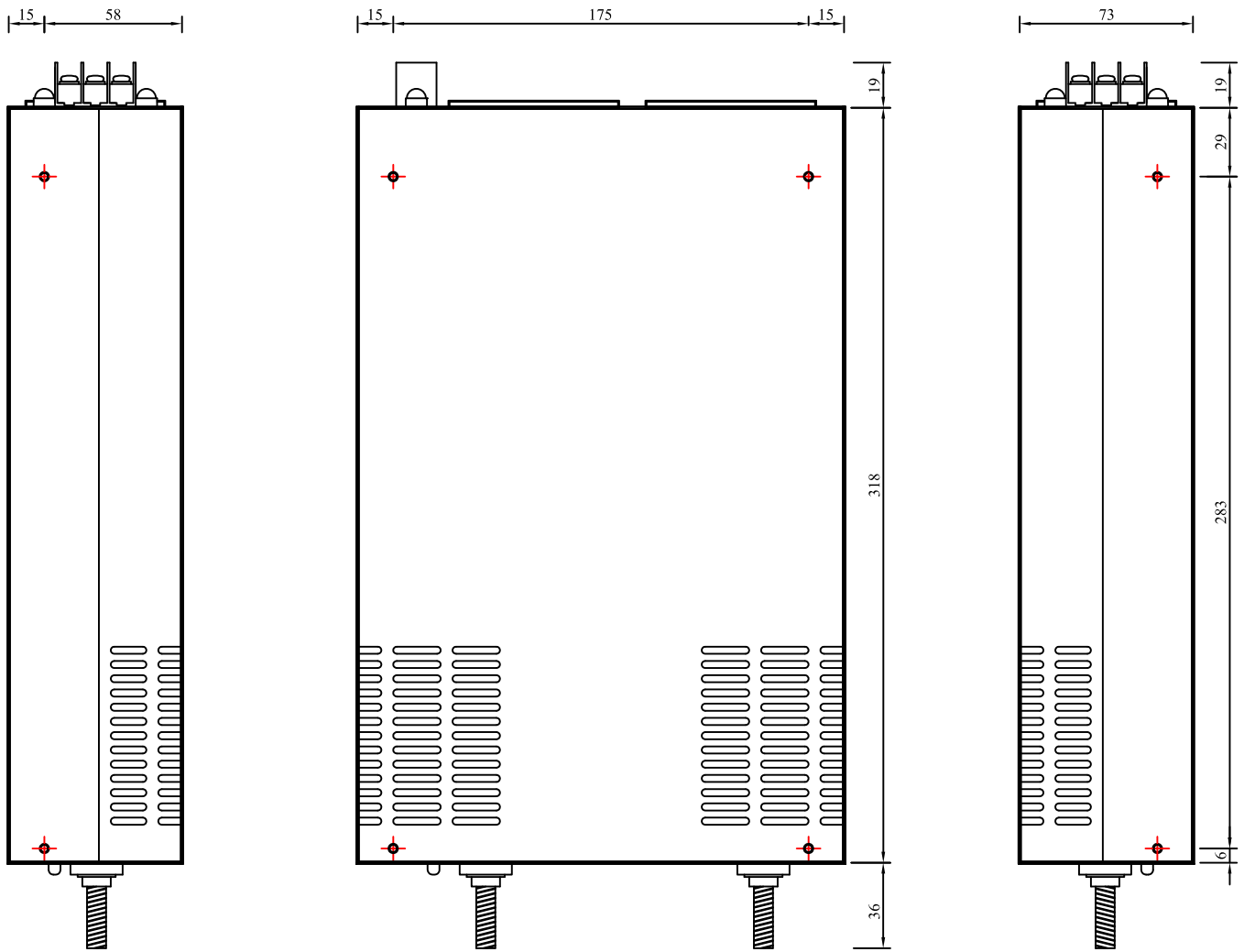
MODEL	OUTPUT		SIZE (mm)	WEIGHT (kg)
	VOLTAGE	CURRENT		
BK 1500 - 2.7	2.5 ~ 3 V	200 A	L : 318 mm W : 205 mm H : 73 mm	4.57 kg
BK 1500 - 5	5 V	300 A		
BK 1500 - 9	9 V	166.6 A		
BK 1500 - 12	12 V	125 A		
BK 1500 - 13.8	13.8 V	108.6 A		
BK 1500 - 15	15 V	100 A		
BK 1500 - 24	24 V	62.5 A		
BK 1500 - 36	36 V	41.6 A		
BK 1500 - 48	48 V	31.2 A		
BK 1500 - 72	72 V	20.8 A		

Input Specification

INPUT VOLTAGE (Vac)	95 - 130Vac or 195 - 265Vac
FREQUENCY (Hz)	50 / 60Hz
EFFICIENCY (%)	80% minimum (base on 24V)
INRUSH CURRENT (A)	30A typ (AC IN 110V, Full load), 60A typ (AC IN 220V, Full load) at cold start
EMC / EMI STANDARD	KN22, KN61000-4-2, KN61000-4-3, KN61000-4-4, KN61000-4-5, KN61000-4-6, KN61000-4-11
SAFETY STANDARD	K61347-1, K61347-2-13, K62384

Output Specification

MODEL	REGULATION LINE (mV)	REGULATION LOAD (mV)	RIPPLE (mV)	RIPPLE & NOISE (mV)
BK 1500 - 2.7	25 max	50 max	50 max	100 max
BK 1500 - 5	25 max	50 max	50 max	100 max
BK 1500 - 9	45 max	90 max	90 max	140 max
BK 1500 - 12	60 max	120 max	120 max	170 max
BK 1500 - 13.8	69 max	138 max	138 max	188 max
BK 1500 - 15	75 max	150 max	150 max	200 max



- ON/OFF SMPS 를 ON / OFF 제어할 수 있는 기능.
- SIGNAL SMPS 를 DC 전압으로 감지할 수 있는 기능. (선택사항)
릴레이에 의해서 ON / OFF 상태를 감지할 수 있는 기능.

1. DIMENSION : 318(L) 205(W) 73(H)
2. TERMINAL BLOCK : 8 Φ BOLT
3. MOUNTING HOLE : 12 - M4 TAPS

Power Bank Co., Ltd.			
TITLE	BK 1500		
DRAWN	SCALE	UNIT	DWG.NO
HYUN.S.H		MM	08 21 10

BK 2000XG SERIES

2000 Watts AC-DC SMPS
333(L) 150(W) 164(H) mm
Standard Specifications



Single Output

MODEL (Standard Model)

MODEL	OUTPUT		SIZE (mm)	WEIGHT (kg)
	VOLTAGE	CURRENT		
BK 2000XG - 10	10 V	200 A	L : 333 mm W : 150 mm H : 164 mm	8.7 kg
BK 2000XG - 12	12 V	166 A		
BK 2000XG - 24	24 V	83 A		
BK 2000XG - 30	30 V	66 A		
BK 2000XG - 48	48 V	41 A		
BK 2000XG - 96	96 V	20 A		
BK 2000XG - 110	110 V	18 A		
BK 2000XG - 180	180 V	11 A		
BK 2000XG - 200	200 V	10 A		
BK 2000XG - 220	220 V	9 A		

Input Specification

INPUT VOLTAGE (Vac)	95 - 130Vac or 195 - 265Vac
FREQUENCY (Hz)	50 / 60Hz
EFFICIENCY (%)	80% minimum (base on 24V)
INRUSH CURRENT (A)	30A typ (AC IN 110V, Full load), 60A typ (AC IN 220V, Full load) at cold start
EMC / EMI STANDARD	KN22, KN61000-4-2, KN61000-4-3, KN61000-4-4, KN61000-4-5, KN61000-4-6, KN61000-4-11
SAFETY STANDARD	K61347-1, K61347-2-13, K62384

Output Specification

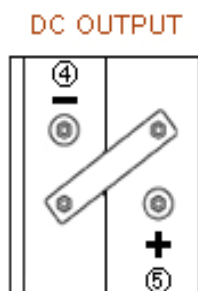
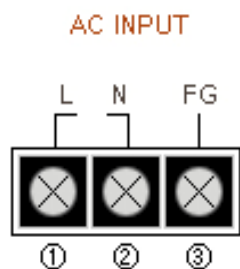
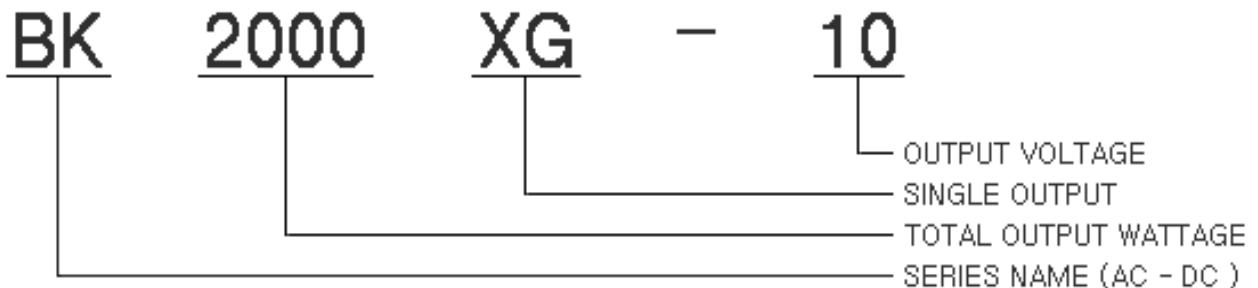
MODEL	REGULATION LINE (mV)	REGULATION LOAD (mV)	RIPPLE (mV)	RIPPLE & NOISE (mV)
BK 2000XG - 10	50 max	100 max	100 max	150 max
BK 2000XG - 12	60 max	120 max	120 max	170 max
BK 2000XG - 24	120 max	240 max	240 max	290 max
BK 2000XG - 30	150 max	300 max	300 max	350 max
BK 2000XG - 48	240 max	480 max	480 max	530 max
BK 2000XG - 96	480 max	960 max	960 max	1010 max

BK 2000XG - 110	550 max	1100 max	1100 max	1150 max
BK 2000XG - 180	900 max	1800 max	1800 max	1850 max
BK 2000XG - 200	1000 max	2000 max	2000 max	2050 max
BK 2000XG - 220	1100 max	2200 max	2200 max	2250 max

General Specification

OVER CURRENT PROTECTION	Works at over 110% of rating and recovers automatically	
OVER VOLTAGE PROTECTION	Works at 115~140% of rating	
START ON TIME (S)	1 max (AC IN 110V / 220V, Full load)	
HOLD UP TIME (mS)	10 typ (AC IN 110V / 220V, Full load)	
ADJUSTABLE RANGE	OUTPUT DC \pm 10%	
ENVIRONMENT	Operating temperature and humidity	-10 ~ +80 °C, 20 ~ 90%, RH (Non condensing)
	Storage temperature and humidity	-20 ~ +85 °C, 20 ~ 90%, RH (Non condensing)
	Vibration	10 ~ 55Hz at 1G 3minute periods, 30minute along X, Y and Z axis, at no Operating
	Impact (in package)	Less than 10G
ELECTRICALLY ISOLATED	Input - Output	AC 1,500V 1minute, DC 500V 100M Ω (At room temperature & Humidity)
	Input - Case,FG	AC 1,500V 1minute, DC 500V 100M Ω (At room temperature & Humidity)
	Output - Case	AC 500V 1minute, DC 500V 100M Ω (At room temperature & Humidity)

* ORDERING INFORMATION



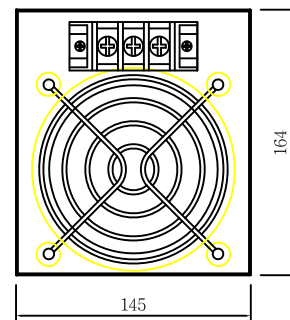
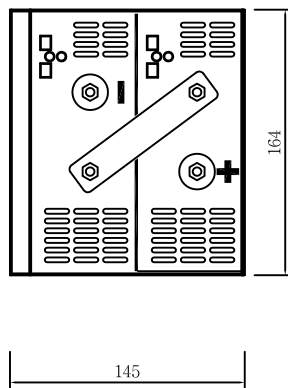
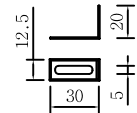
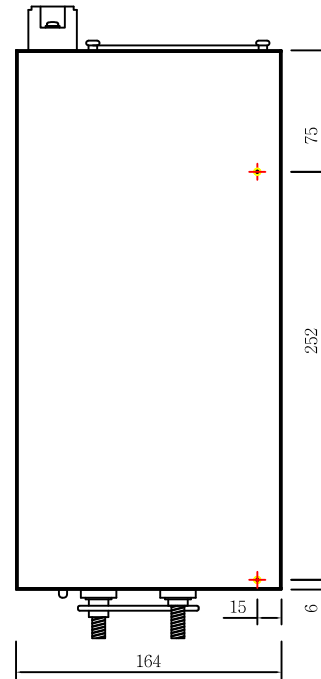
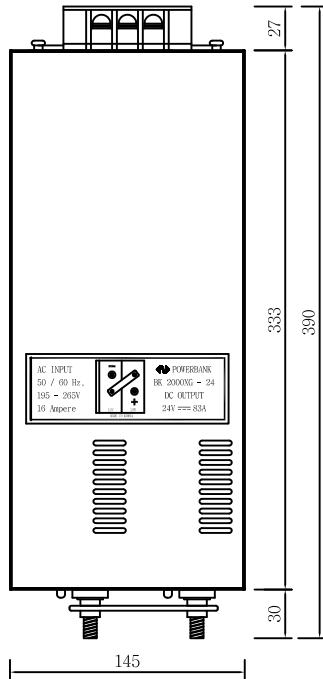
*** AC INPUT**

- ① L : AC INPUT HOT LINE
- ② N : AC INPUT NEUTRAL LINE
- ③ FG : FRAME GROUND


*** DC OUTPUT**

- ④ - : DC GROUND
- ⑤ + : DC OUTPUT

BK 2000 - 24 (24V 83A)



1. DIMENSION : 333(L) 145(W) 164(H)
2. TERMINAL BLOCK : 8 Φ BOLT , 16 mm
3. MOUNTING HOLE : 4 - M4 TAPS

		Power Bank Co., Ltd.	
TITLE		BK 2000XG	
DRAWN	SCALE	UNIT	DWG.NO
HYUN.S.H		MM	07 07 15

BK 3000XG SERIES

3000 Watts AC-DC SMPS
320(L) 210(W) 164(H) mm
Standard Specifications



Single Output

MODEL (Standard Model)

MODEL	OUTPUT		SIZE (mm)	WEIGHT (kg)
	VOLTAGE	CURRENT		
BK 3000XG – 15	15 V	200 A	L : 320 mm W : 210 mm H : 164 mm	11 kg
BK 3000XG – 28	28 V	107 A		
BK 3000XG – 48	48 V	62 A		
BK 3000XG – 72	72 V	41 A		
BK 3000XG – 100	100 V	30 A		
BK 3000XG – 120	120 V	25 A		
BK 3000XG – 150	150 V	20 A		
BK 3000XG – 270	270 V	11 A		
BK 3000XG – 300	300 V	10 A		
BK 3000XG – 330	330 V	9 A		

Input Specification

INPUT VOLTAGE (Vac)	95 – 130Vac or 195 – 265Vac
FREQUENCY (Hz)	50 / 60Hz
EFFICIENCY (%)	80% minimum (base on 28V)
INRUSH CURRENT (A)	30A typ (AC IN 110V, Full load), 60A typ (AC IN 220V, Full load) at cold start
EMC / EMI STANDARD	KN22, KN61000-4-2, KN61000-4-3, KN61000-4-4, KN61000-4-5, KN61000-4-6, KN61000-4-11
SAFETY STANDARD	K61347-1, K61347-2-13, K62384

Output Specification

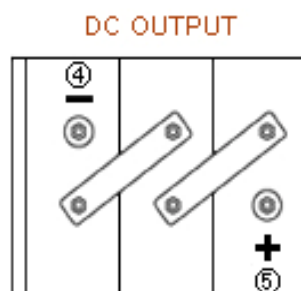
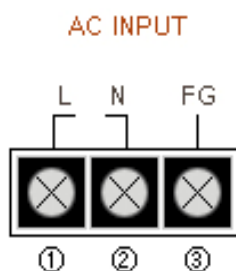
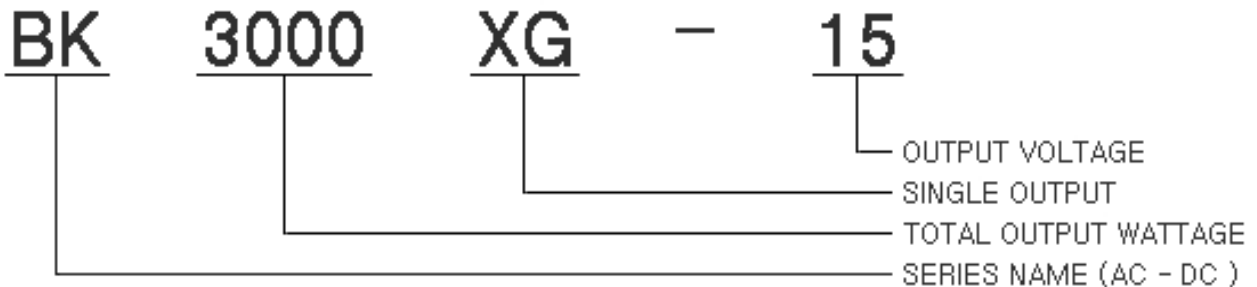
MODEL	REGULATION LINE (mV)	REGULATION LOAD (mV)	RIPPLE (mV)	RIPPLE & NOISE (mV)
BK 3000XG – 15	75 max	150 max	150 max	200 max
BK 3000XG – 28	140 max	280 max	280 max	330 max
BK 3000XG – 48	240 max	480 max	480 max	530 max
BK 3000XG – 72	360 max	720 max	720 max	770 max
BK 3000XG – 100	500 max	1000 max	1000 max	1050 max
BK 3000XG – 120	600 max	1200 max	1200 max	1250 max

BK 3000XG - 150	750 max	1500 max	1500 max	1550 max
BK 3000XG - 270	1350 max	2700 max	2700 max	2750 max
BK 3000XG - 300	1500 max	3000 max	3000 max	3050 max
BK 3000XG - 330	1650 max	3300 max	3300 max	3350 max

General Specification

OVER CURRENT PROTECTION	Works at over 110% of rating and recovers automatically	
OVER VOLTAGE PROTECTION	Works at 115~140% of rating	
START ON TIME (S)	1 max (AC IN 110V / 220V, Full load)	
HOLD UP TIME (mS)	10 typ (AC IN 110V / 220V, Full load)	
ADJUSTABLE RANGE	OUTPUT DC \pm 10%	
ENVIRONMENT	Operating temperature and humidity	-10 ~ +80 °C, 20 ~ 90%, RH (Non condensing)
	Storage temperature and humidity	-20 ~ +85 °C, 20 ~ 90%, RH (Non condensing)
	Vibration	10 ~ 55Hz at 1G 3minute periods, 30minute along X, Y and Z axis, at no Operating
	Impact (in package)	Less than 10G
ELECTRICALLY ISOLATED	Input - Output	AC 1,500V 1minute, DC 500V 100M Ω (At room temperature & Humidity)
	Input - Case,FG	AC 1,500V 1minute, DC 500V 100M Ω (At room temperature & Humidity)
	Output - Case	AC 500V 1minute, DC 500V 100M Ω (At room temperature & Humidity)

* ORDERING INFORMATION



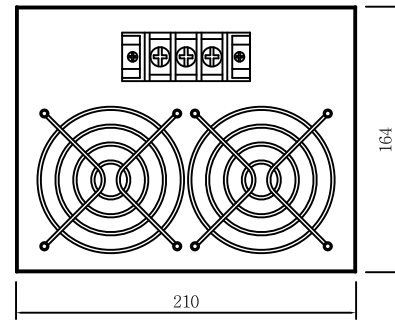
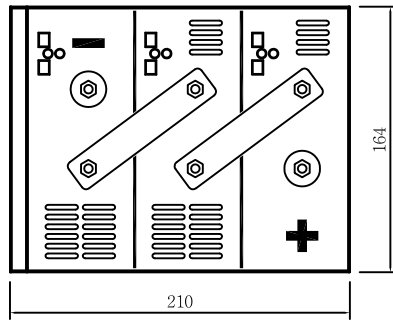
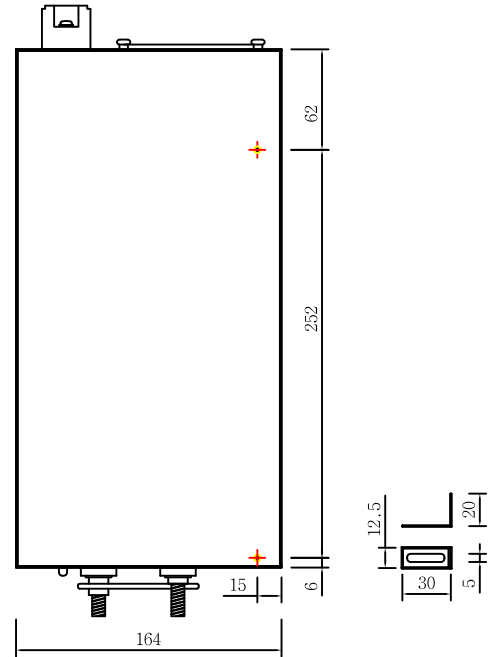
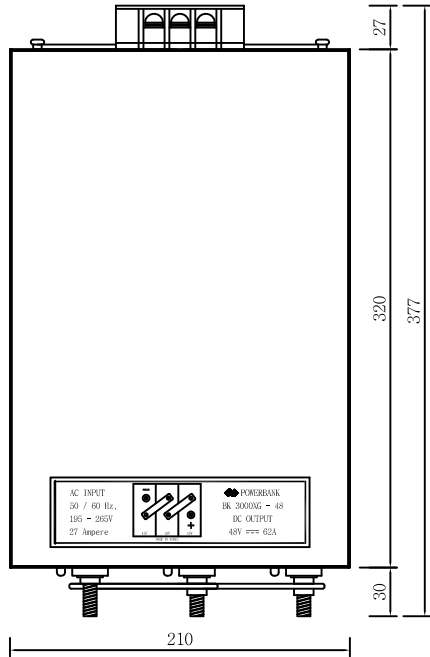
* AC INPUT

- ① L : AC INPUT HOT LINE
- ② N : AC INPUT NEUTRAL LINE
- ③ FG : FRAME GROUND


* DC OUTPUT

- ④ - : DC GROUND
- ⑤ + : DC OUTPUT

BK 3000 - 48 (48V 62A)



1. DIMENSION : 320(L) 210(W) 164(H)
2. TERMINAL BLOCK : 8 Φ BOLT , 16 mm
3. MOUNTING HOLE : 4 - M4 TAPS

 Power Bank Co., Ltd.			
TITLE		BK 3000XG	
DRAWN	SCALE	UNIT	DWG.NO
HYUN.S.H		MM	01 02 14

BK 5000XG SERIES

5000 Watts AC-DC SMPS
307(L) 381(W) 164(H) mm
Standard Specifications



Single Output

MODEL (Standard Model)

MODEL	OUTPUT		SIZE (mm)	WEIGHT (kg)
	VOLTAGE	CURRENT		
BK 5000XG – 24	24 V	208 A	L : 307 mm W : 381 mm H : 164 mm	19.6 kg
BK 5000XG – 48	48 V	104 A		
BK 5000XG – 60	60 V	83 A		
BK 5000XG – 120	120 V	41 A		
BK 5000XG – 150	150 V	33 A		
BK 5000XG – 200	200 V	25 A		
BK 5000XG – 250	250 V	20 A		
BK 5000XG – 450	450 V	11 A		
BK 5000XG – 500	500 V	10 A		
BK 5000XG – 550	550 V	9 A		

Input Specification

INPUT VOLTAGE (Vac)	95 – 130Vac or 195 – 265Vac
FREQUENCY (Hz)	50 / 60Hz
EFFICIENCY (%)	80% minimum (base on 24V)
INRUSH CURRENT (A)	30A typ (AC IN 110V, Full load), 60A typ (AC IN 220V, Full load) at cold start
EMC / EMI STANDARD	KN22, KN61000-4-2, KN61000-4-3, KN61000-4-4, KN61000-4-5, KN61000-4-6, KN61000-4-11
SAFETY STANDARD	K61347-1, K61347-2-13, K62384

Output Specification

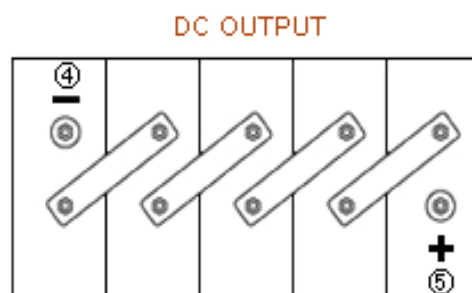
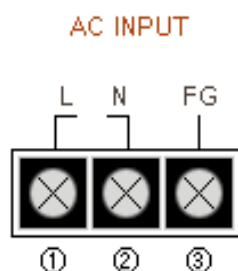
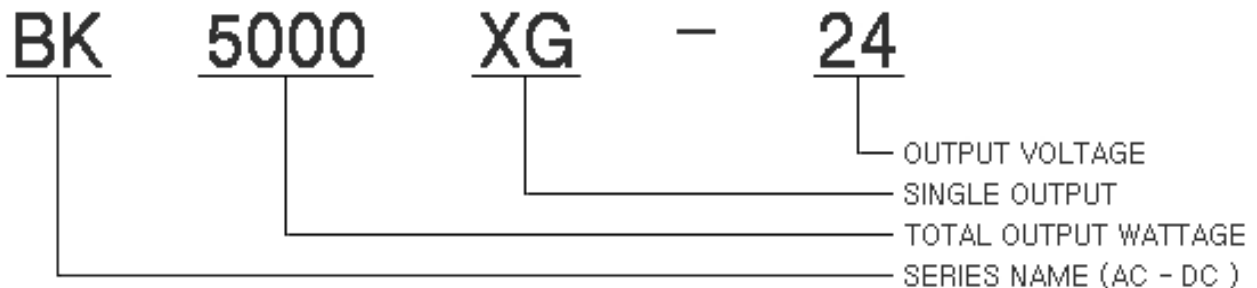
MODEL	REGULATION LINE (mV)	REGULATION LOAD (mV)	RIPPLE (mV)	RIPPLE & NOISE (mV)
BK 5000XG – 24	120 max	240 max	240 max	290 max
BK 5000XG – 48	240 max	480 max	480 max	530 max
BK 5000XG – 60	300 max	600 max	600 max	650 max
BK 5000XG – 120	600 max	1200 max	1200 max	1250 max
BK 5000XG – 150	750 max	1500 max	1500 max	1550 max
BK 5000XG – 200	1000 max	2000 max	2000 max	2050 max

BK 5000XG - 250	1250 max	2500 max	2500 max	2550 max
BK 5000XG - 450	2250 max	4500 max	4500 max	4550 max
BK 5000XG - 500	2500 max	5000 max	5000 max	5050 max
BK 5000XG - 550	2750 max	5500 max	5500 max	5550 max

General Specification

OVER CURRENT PROTECTION	Works at over 110% of rating and recovers automatically	
OVER VOLTAGE PROTECTION	Works at 115~140% of rating	
START ON TIME (S)	1 max (AC IN 110V / 220V, Full load)	
HOLD UP TIME (mS)	10 typ (AC IN 110V / 220V, Full load)	
ADJUSTABLE RANGE	OUTPUT DC \pm 10%	
ENVIRONMENT	Operating temperature and humidity	-10 ~ +80 °C, 20 ~ 90%, RH (Non condensing)
	Storage temperature and humidity	-20 ~ +85 °C, 20 ~ 90%, RH (Non condensing)
	Vibration	10 ~ 55Hz at 1G 3minute periods, 30minute along X, Y and Z axis, at no Operating
	Impact (in package)	Less than 10G
ELECTRICALLY ISOLATED	Input - Output	AC 1,500V 1minute, DC 500V 100M Ω (At room temperature & Humidity)
	Input - Case,FG	AC 1,500V 1minute, DC 500V 100M Ω (At room temperature & Humidity)
	Output - Case	AC 500V 1minute, DC 500V 100M Ω (At room temperature & Humidity)

* ORDERING INFORMATION



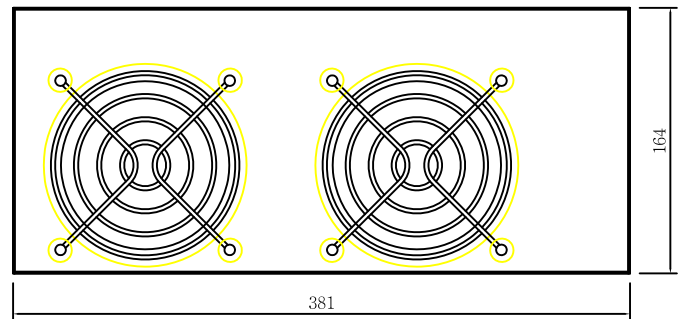
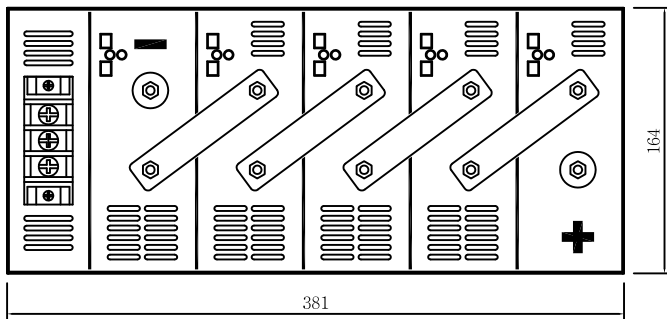
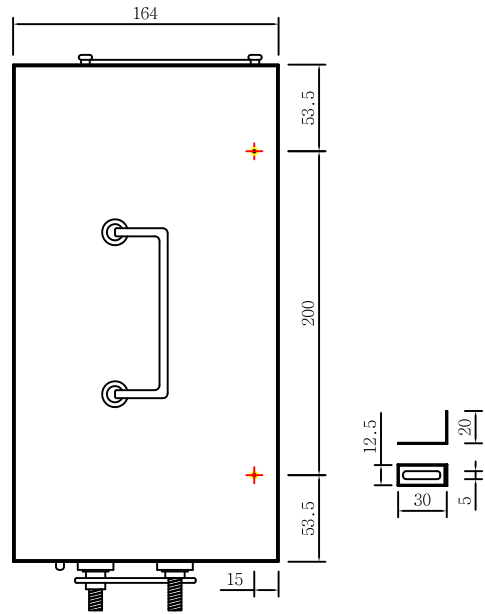
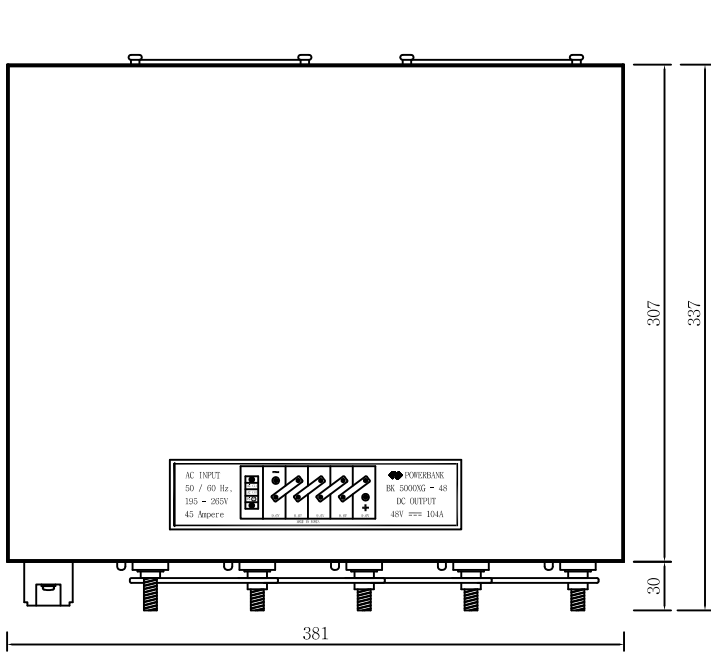
* AC INPUT

- ① L : AC INPUT HOT LINE
- ② N : AC INPUT NEUTRAL LINE
- ③ FG : FRAME GROUND


* DC OUTPUT

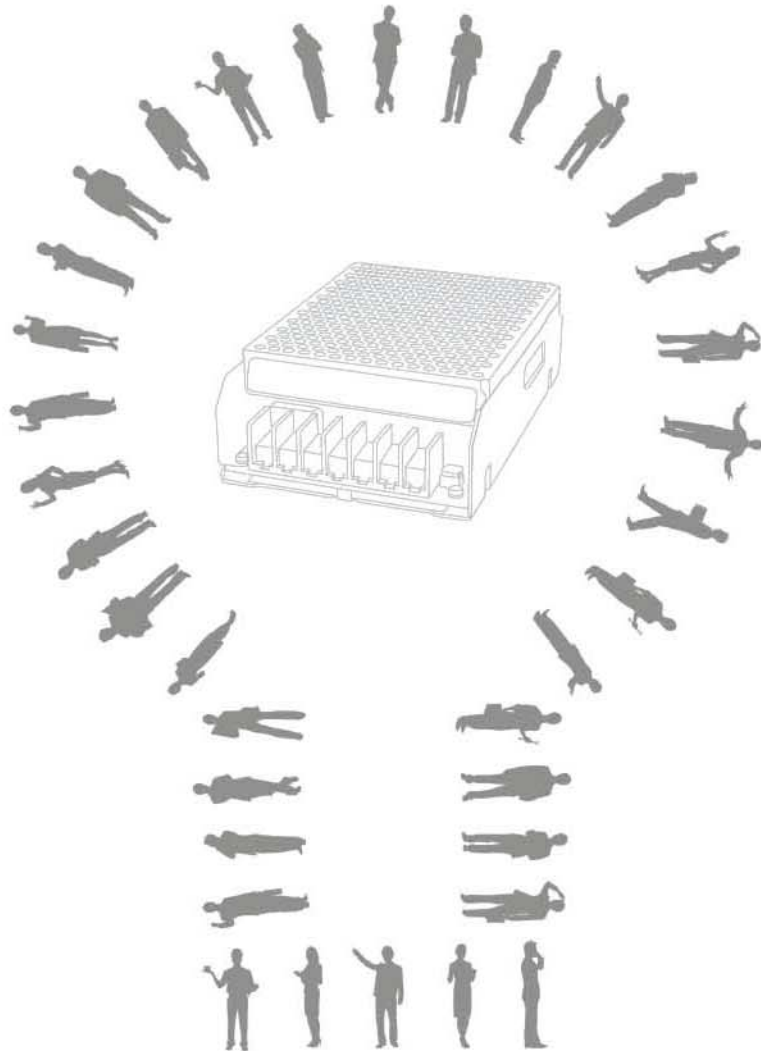
- ④ - : DC GROUND
- ⑤ + : DC OUTPUT

BK 5000 - 48 (48V 104A)



1. DIMENSION : 307(L) 381(W) 164(H)
2. TERMINAL BLOCK : 8 Φ BOLT , 16 mm
3. MOUNTING HOLE : 4 - M4 TAPS

 Power Bank Co., Ltd.			
TITLE		BK 5000XG	
DRAWN	SCALE	UNIT	DWG.NO
HYUN.S.H		MM	01 02 14



■ POWERBANK ■

 **PowerBank** co.,Ltd

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