



- ⦿ UPS SYSTEM
- ⦿ AC-GPS
- ⦿ FREQUENCY CONVERTER
- ⦿ BATTERY CHARGER
- ⦿ RECTIFIER
- ⦿ AVR
- ⦿ XPDP / XPDU / XPDB
- ⦿ ABB FILTER
- ⦿ VERTIV UPS, STS
- ⦿ TMEIC UPS



We promise to leap forward as a leader in national power equipment.

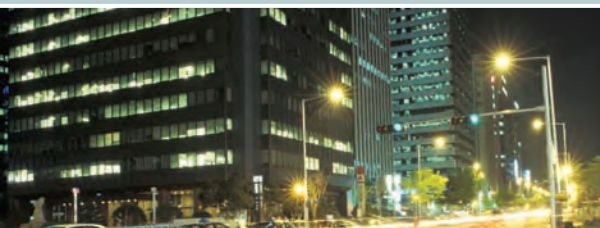
I wish you endless development and prosperity.

Also, I sincerely thank you for your unstinting support
and guidance.

CROSSTEC Co., Ltd. is doing its best to secure power
quality as well as support various products and
perfect services in the UPS system section.

In order to respond to rapidly changing social
changes, we would like to repay our customers'
support with the best quality and best products in the
field of power equipment, so please give us your
unchanging support and guidance.





Product

- UPS SYSTEM
- AC-GPS
- FREQUENCY CONVERTER ●
- BATTERY CHARGER
- RECTIFIER
- AVR
- XPDP / XPDU / XPDB

Others

- ABB UPS, STS, BREAKER
- GE UPS, SERVICE

Digital control Battery Charger

iBC3000 30, 50, 75, 100, 120, 150, 200, 250, 300, 400, 500, 600, 700, 800, 900, 1000

System

- Control method : 32Bit DSP (Digital Signal Processor) Control
- Charging method : Floating and equalizing charge

Rated capacity

- Rated capacity: DC 110V, 30~1000A (DC 24/48/220V is optional)

Input (rectifier/charger)

- Voltage: three-phase 380V (208/220/440/480V is optional)
- Phase : 3p 3w
- Frequency : 50 / 60Hz
- Distortion : less than 3%
- Control method : 6Pulse Rectifier (Thyristor)

Output(Load)

- Voltage : DC 110V (DC 24/48/220V is optional)
- Voltage stability: within $\pm 2\%$
- Pulsation rate: 2% (rms)
- Overload capacity: 5 minutes at rated load 120%
- Overall efficiency: more than 80%
- Noise: less than 65 ~ 75dB

Battery

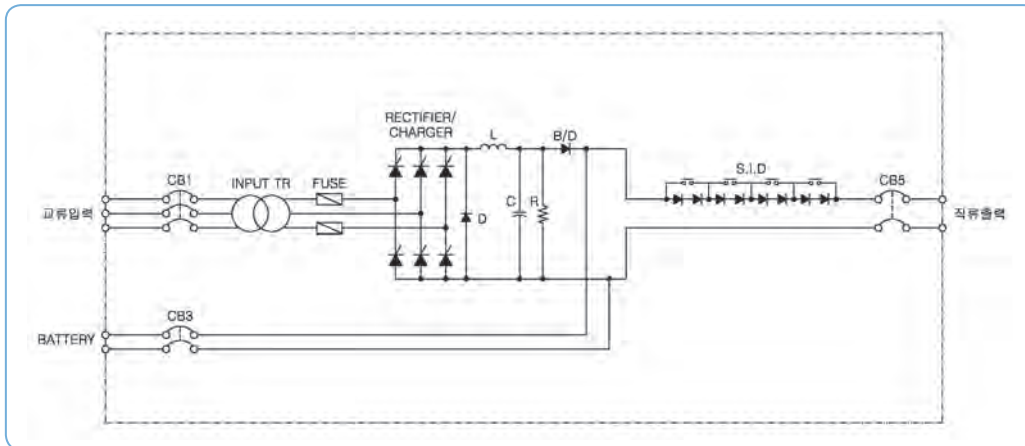
- Rated voltage: DC 110V (Contact other voltages)
- Quantity: DC 110V - 12V 9Cells or 2V 55Cells

Others

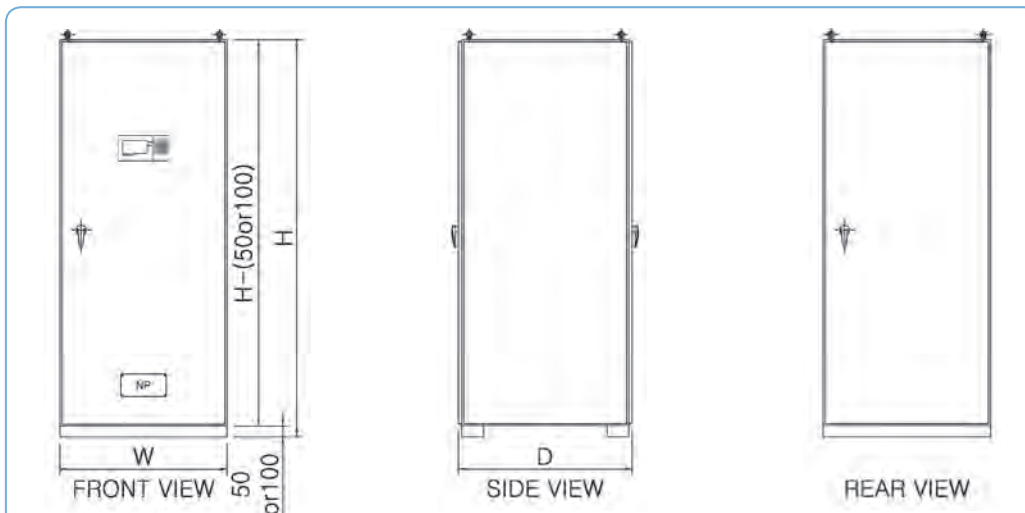
- Display : Touch screen (Korean/ English)
- Floating charging voltage/equal charging voltage and discharging end voltage vary depending on the battery.
- Through S.I.D composed of Diode, Magnetic Contactor, and DSP Controller, the output is lowered to suit the load and supplied.
- Remote monitoring: No-voltage contact, RS485 Modbus
- Built-in output feeder (specified at the time of purchase)



Battery Charger



DIMENSION



■ Battery Charger

Model 명	CAPACITY	DIMENSION (mm)		
		W	D	H
iBC3000 30 ~ 100A	30 ~ 100A	600	800	1830
iBC3000 120 ~ 150A Wall type ¹⁾	120 ~ 150A	900	800	2150~2350
XBC3000 120 ~ 150A	120 ~ 150A	800	800	1830
XBC3000 200 ~ 300A	200 ~ 300A	800	1000	2350
XBC3000 400A	400A	900	1000	2350
XBC3000 500 ~ 600A	500 ~ 600A	1200	1000	2350
XBC3000 700 ~ 1000A	700 ~ 1000A	1600	1000	2350

* Remarks: These dimensions are subject to change without notice. Please inquire for dimensions other than the above capacity.

¹⁾They may vary depending on customer specifications.

Analog control Battery Charger

iBC1000 30, 50, 75, 100, 150, 200, 300, 400, 500, 600, 800, 900, 1000

iBC2000 30, 50, 75, 100, 150, 200, 300, 400, 500, 600, 800, 900, 1000, 1200, 1500, 2000

System

- Control method : μ - Processor Control
- Charging method : Floating and equalizing charge

Rated capacity

- Rated capacity : DC 110V, 30~1000A (DC 24/48/220V is optional DC125V, 30~2000A(special request))

Input(rectifier/charger)

- Voltage : 3-Phase 380V (208/220/440/480V is optional)
- Phase : 3p 3w
- Frequency : 50 / 60Hz
- Distortion : Voltage less than 3%
- Control method : 6Pulse Rectifier (Thyristor)

Output(Load)

- Voltage : DC 110V (DC 24/48/220V is optional)
- Voltage stability: within $\pm 2\%$
- Pulsation rate: 2% (rms)
- Overload capacity: 5 minutes at rated load 120%
- Overall efficiency: more than 80%
- Noise: less than 65 ~ 75dB

Battery

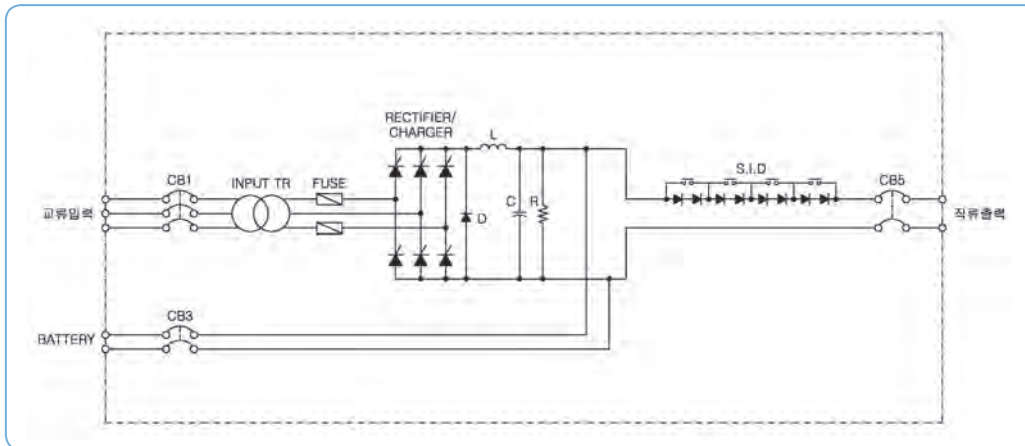
- Rated voltage: DC 110V (Contact other voltages)
- Quantity: DC 110V - 12V 9Cells or 2V 55Cells

Others

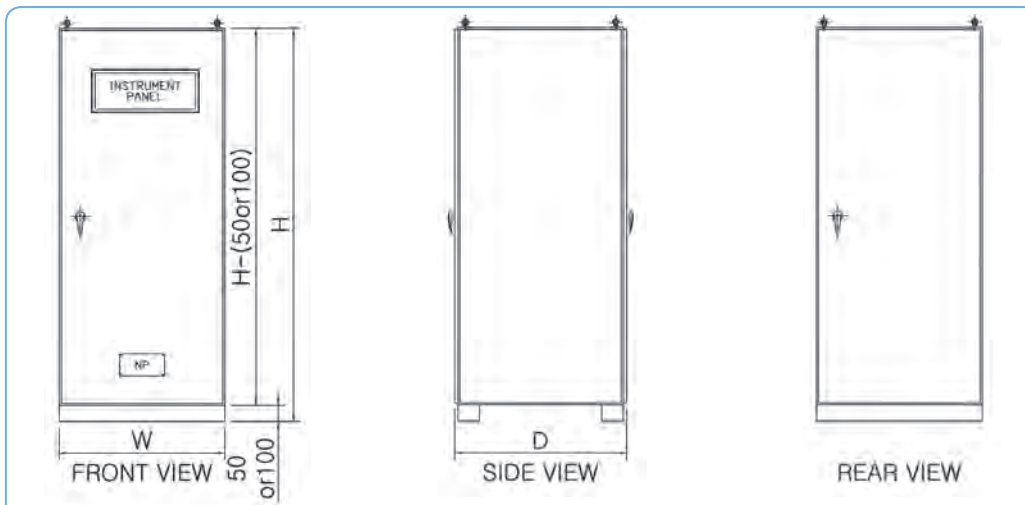
- Display : LED + Meter
- Floating charging voltage/equal charging voltage and discharging end voltage vary depending on the battery.
- Through S.I.D composed of Diode, Magnetic Contactor, and DSP Controller, the output is lowered to suit the load and supplied.
- Remote monitoring: No-voltage contact, RS485 Modbus
- Built-in output feeder (specified at the time of purchase)
- For KEPCO, KDHC, Plant (iBC2000)



Battery Charger



DIMENSION



■ Battery Charger

Model 명	CAPACITY	DIMENSION (mm)		
		W	D	H
iBC1000, iBC2000 30 ~ 100A	30 ~ 100A	600	800	1830
iBC1000, iBC2000 120~150A 1) Wall-mounted type	30 ~ 100A	900	800	2150~2350
iBC1000, iBC2000 120~150A	120 ~ 150A	800	800	1830
iBC1000, iBC2000 200~300A	200 ~ 300A	800	1000	2350
iBC1000, iBC2000 400A	400A	900	1000	2350
iBC1000, iBC2000 500~600A	500 ~ 600A	1200	1000	2350
iBC1000, iBC2000 700~1000A	700 ~ 1000A	1600	1000	2350

* Remarks: These dimensions are subject to change without notice. Please inquire for dimensions other than the above capacity.

1) They may vary depending on customer specifications.