

HSBOX

HWASIN

Enclosure
embracing the world

Hwasin Industrial Systems Co., Ltd.

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Official Homepage

<http://www.hsbox.kr>

HWASIN



Head Office & Factory



Branch & Factory

We have been dedicated to manufacturing electrical enclosures over the past 30 years in Korea. Our product lineup ranges from steel, stainless, and plastic enclosures to aluminum enclosures. We are also ready to meet the specific customization (made-to-order) demands of our customers from designing to delivery. We also have products with international certifications including UL, TUV and CE and are committing ourselves to developing quality products that meet the international standards.

Certification

- ◎ ISO9001:2000, ISO14001:2004
- ◎ TUV SUD IP66 (some of our products series)
- ◎ UL50 & UL50E (Electrical Enclosure)
- ◎ Venture company from Korea Gov.
- some of our products series
- ◎ Innovation Business company from Korea Gov.

HSBOX		Enclosures for Electrical & Control panels manufacturer
Company Name		Hwasin Industrial Systemx Co., Ltd.
Business License Number		133-81-26084 (From Korean National Tax Service)
Official Homepage		http://www.hsbox.kr
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Products List

Plastic & Aluminum Products

Plastic Box N Series	3P
Plastic Box Q Series	3P
Plastic Box F Series	4P
Plastic Box G Series	4P
Aluminum Box Explosion Protected EX-DP Series	5P
Aluminum Box EX-AL Series	5P



Steel & Stainless Products

Stainless Steel Box Explosion Protected EX Series	6P
Steel Box PB Series	6P
Steel Box ES / EU Series	7P
Steel Box CD / CD-U Series	7P
Steel Box AC-LP / ACU-LP Series	8P
Steel Enclosure HS / HU Series	8P
Steel Enclosure RT Series	9P
Steel Enclosure KP Series	9P
Steel Enclosure PS / PS-U Series	10P
Special made-to-order Products	11P~12P



HSBOX
Plastic Enclosure

N Series



Size table

Model	Width	Height	Depth
N Series	80	110	70
	80	150	70
	80	200	70
	80	250	70
	110	110	75
	125	125	75
	130	180	100
	150	200	100
	150	200	130
	150	250	100
	150	250	130
	200	200	100
200	200	130	

Customer can choose screw type cover or hinge & latch type cover.
Covers are transparent or light gray.
IP66 certified (TUV). UL50 Type 2 listed.
Galva. steel mounting plate.

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Plastic Enclosure

F Series



Size table

Model	Width	Height	Depth
F Series	200	300	150
	250	350	160
	300	300	180
	300	400	180
	350	450	200
	400	500	200
	400	600	230

Hinge&latch type cover.
Covers are transparent or light gray.
IP66 certified (TUV). UL50 Type 2 listed.
Galva. steel mounting plate.

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Q Series



Size table

Model	Width	Height	Depth
Q Series	190	190	130
	190	280	130
	190	280	180
	190	380	130
	190	380	180
	280	280	130
	280	380	130
	280	380	180
	280	560	130
	380	560	180

Customer can choose screw type cover or hinge & latch type cover.
Covers are transparent or light gray.
IP66 certified (TUV).
Galva. steel mounting plate.

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Plastic Enclosure

G Series



Size table

Model	Width	Height	Depth
G Series	150	150	90
	150	200	100
	200	300	130
	300	300	160
	300	400	160
	400	500	160
	400	500	180
	500	600	200
	500	700	210
	600	800	260

Hinge&latch type cover.
Covers are light gray.
IP65 certified (TUV).
Very economic price. Plastic mounting plate.

HSBOX Aluminum Enclosure

EX-DP Series

Explosion Protected Enclosure



- IECEX Certificate : IECEX KTL 16.0009U
- ATEX Certificate : KRH 16 ATEX 1046U
- KCs Certificate : 17-KA2BO-0064U~17-KA2BO-0071U



Size table

Model	Width	Height	Depth	Depth (Usable space)		
				Cover	Body	
EX-DP	0813 06	80	130	60	12	34
	0818 06	80	180	60	12	34
	1220 08	120	200	80	17	47
	1520 10	150	200	100	17	67
	1616 09	160	160	92	16	60
	1626 09	164	264	91	17	61
	2328 11	230	280	110	17	79
	2333 12	230	330	120	22	93

- Aluminum / PUR Sealing Type.
- We have 8 sizes of aluminum die-casting products.

Details are provided separately.
Explosion Protected Enclosure catalog reference.

HSBOX Enclosure

EX Series

Explosion Protected Enclosure



- IECEX Certificate : IECEX KTL 16.0009U
- ATEX Certificate : KRH 16 ATEX 1046U
- KCs Certificate : 17-KA2BO-0059U~17-KA2BO-0063U



Size table

Model	Width	Height	Depth	
EX Series	2030 15	200	300	150
	2030 20	200	300	200
	3030 15	300	300	150
	3030 20	300	300	200
	3040 15	300	400	150
	3040 20	300	400	200
	4050 15	400	500	150
	4050 20	400	500	200
	5070 15	500	700	150
	5070 20	500	700	200

- EX-UP (Stainless Steel / PUB Sealing Type)
- EX-UC (Stainless Steel / Silicone Sealing Type)
- EX-SP (Steel / PUB Sealing Type)
- EX-SC (Steel / Silicone Sealing Type)

Details are provided separately.

Explosion Protected Enclosure catalog reference.

HSBOX Aluminum Enclosure

ED-AL Series

- We have 8 sizes of aluminum die-casting products.
- We have 4 sizes (0813, 0818, 1220, 1520) of aluminum boxes passed IP66 test (by KTL)



Model	Width	Height	Depth	Depth (Usable space)		Size of mount plate (Galvanized Steel)	
				Cover	Body		
ED-AL	0813 06	80	130	60	12	34	69 x 114 x 1.6mmT
	0818 06	80	180	60	12	34	70 x 167 x 1.6mmT
	1220 08	120	200	80	17	47	113 x 192 x 1.6mmT
	1520 10	150	200	100	17	67	143 x 192 x 1.6mmT
	1616 09	160	160	92	16	60	149 x 149 x 1.6mmT
	1626 09	164	264	91	17	61	150 x 251 x 1.6mmT
	2328 11	230	280	110	17	79	216 x 266 x 1.6mmT
	2333 12	230	330	120	22	93	216 x 316 x 1.6mmT

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PB Series



Specification

- **Features** Reasonable price & Non-waterproof type
- **Material** Hot Galvanized Steel 1.6mmT ~ 3.2mmT (Stainless Steel available)
- **Size** W100 * H100 * D100 ~ W2600 * H3200 * D2600
- UL50E Type 1 Enclosure available (Special Order)
- * Made-to-order products available (Size, Color, Structure)

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Economic Enclosure

ES / EU Series



Specification

- Features** Reasonable price & Non-waterproof type
 - Material** Steel 1.0mmT ~ 1.6mmT (Stainless Steel available)
 - Coating** Munsell 5Y7/1 Powder Coating (Special color available : RAL7032, RAL7035)
 - Size** W200 * H300 * D100 ~ W800 * H1200 * D300
- UL50E Type 1 Enclosure available (Special Order)
- * Made-to-order products available (Size, Color, Structure)

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Compact Enclosure

AC-LP / ACU-LP Series



Specification

- **Features** Reasonable price & Rainproof type
 - **Material** Steel 1.6mmT or 304 / 316L grade stainless steel 1.5mmT
 - **Coating** RAL7035 Powder Coating (Special color available : RAL7032, Munsell 5Y7/1)
 - **Gasket** Urethane Foam Gasket (UL Listed Gasket)
 - **Max Size** 1Door : 1100(W) * 1600(H) * 500(D)
2Door : 1200(W) * 1200(H) * 500(D)
- IP65 certified (TUV). UL50 Type 1, 2, 3R, 12 listed enclosure.
- * Made-to-order products available (Size, Color, Structure)

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Compact Enclosure

CD / CD-U Series



Specification

- **Features** Reasonable price & Non-waterproof type
 - **Material** Steel 1.0mmT ~ 1.6mmT (Stainless Steel available)
 - **Coating** Munsell 5Y7/1 Powder Coating (Special color available : RAL7032, RAL7035)
 - **Size** W200 * H300 * D100 ~ W800 * H1200 * D300
- UL50E Type 1 Enclosure available (Special Order)
- * Made-to-order products available (Size, Color, Structure)

HSBOX
Enclosure

HS / HU Series



Specification

- **Features** Waterproof, Dustproof type
 - **Material** Steel 2.3mmT or 304 / 316L grade stainless steel 2.0mmT
 - **Coating** RAL7032 Powder coating
(Special color available : RAL7035, Munsell 5Y7/1)
 - **Gasket** Urethane Foam Gasket (UL Listed gasket)
 - **Size** W200 * H200 * D100 ~ W1000 * H1800 * D1000
- UL50E Type 4, 4X, 12 Listed enclosure

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Enclosure

RT Series



Specification

- **Features** Prefabricated panel, Sliding base mounting plate.
 - **Material** Steel 1.6mmT ~ 2.3mmT
 - **Coating** RAL7035 Powder Coating (Special color available : RAL7032, Munsell 5Y7/1)
 - **Gasket** Urethane Foam Gasket (UL Listed Gasket)
 - **Max Size** 1Door : 1100(W) * 2300(H) * 1100(D) - IP55 certified (TUV).
2Door : 1400(W) * 2300(H) * 1100(D) - none certified.
- * Made-to-order products available (Size, Color, Structure)

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KP Series



Specification

- **Features** KIOSK PANEL, Installing 17 inch monitor
- **Coating** NL4083, EN4673, EC4283 (Smooth-ton Powder Coating) (Special color available)
- **Gasket** Urethane Foam Gasket (UL Listed Gasket)

Available Cable Grand : PG-13.5, PG-16, PG-25

* Made-to-order products available (Size, Color, Structure)

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Enclosure

PS Series



Specification

- **Features** Self-Standing or wall-mounting type
- **Material** Steel 2.3mmT, or 304 / 316L grade stainless steel 2.0mmT
- **Coating** RAL7032 Powder coating (Special color available : RAL7035, Munsell 5Y7/1)
- **Gasket** Urethane Foam Gasket (UL Listed gasket)
- **Size** Unlimited (We manufacture this model according to User's requirements)

If the customer needs certified enclosure, please see the below size table.

MODEL	Min Size	Max Size	Certification
PS-UL	W400*H500*D100	W2300*H2350*D1000	NEMA 1, 3, 3R, 4, 4X & 12 (UL)
PS-IP	W400*H500*D100	W2300*H2350*D1000	IP66 (TUV)

(mm)

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Special made-to-order Products



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Special made-to-order Products

