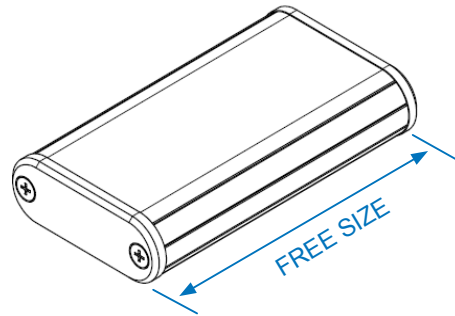
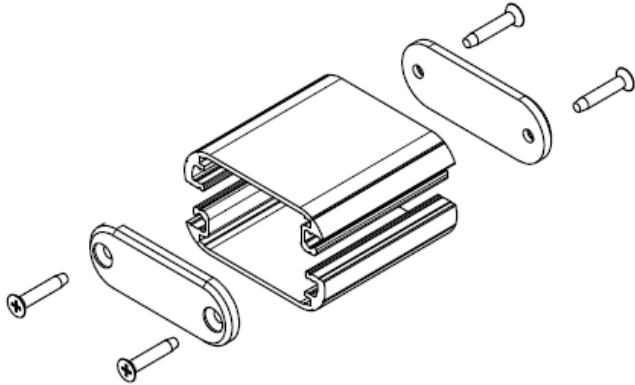


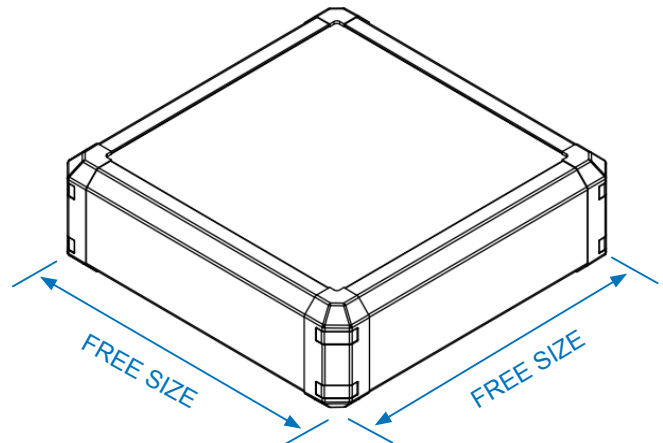
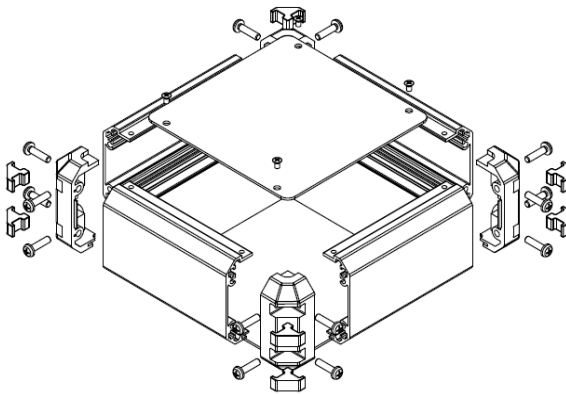
VARIETY OF CUSTOM SIZED ENCLOSURES

Extruded models are adjustable in extrusion length (depth) in 0.1mm or 1.0mm intervals.
Sheet-metal models are adjustable in W/D/H dimensions in 1.0mm intervals.

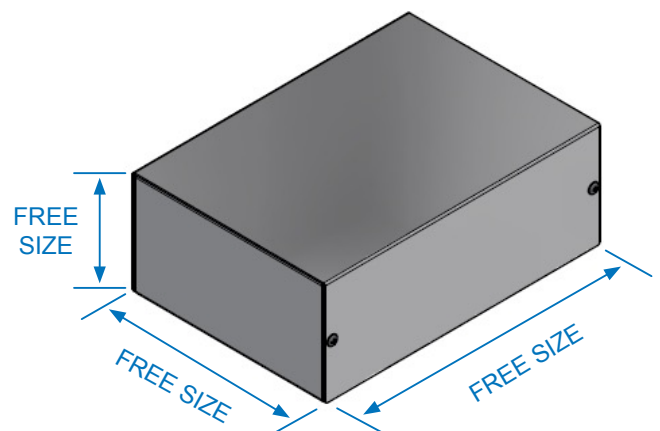
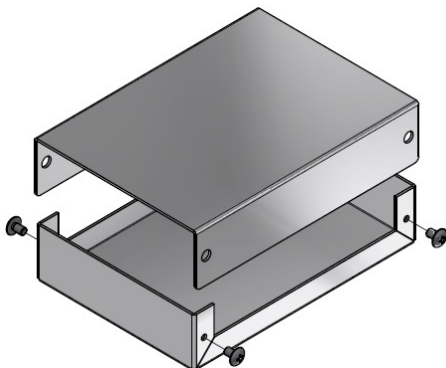
EXTRUDED ALUMINIUM MODEL



4 SIDE-EXTRUDED ALUMINIUM MODEL



SHEET METAL MODEL



More custom sized models are available.

https://www.takachi-enclosure.com/cat/flexible_size

INQUIRING CUSTOM SIZED ENCLOSURES

- 1 Navigate to the free-size product page you wish to inquire on our website and click on the button indicated by the  arrow.



Custom sized shock-proof design instrument enclosure.
Corner guards are designed to be both aesthetically pleasing, and impact resistant.

Selectable 22 different Width/Height profiles and specified length (depth) from 40 to 500mm in 1mm intervals.
16 different color combinations can be specified.

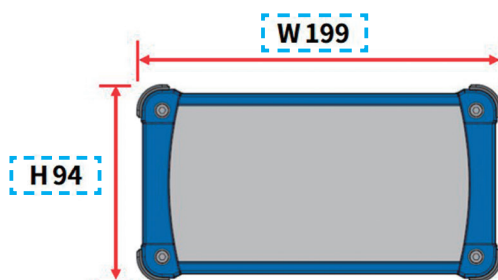


CUSTOM SIZE WEB QUOTATION	3D View - Silver/Navy	3D View - 16 color types
3D View - With tilt legs	Exploded view	Color code

■ If there is no "WEB QUOTATION" click button, please send us your inquiry from the "INQUIRY FORM" on the CONTACT tab on our website.

- 2 Go to the CUSTOM SIZE WEB QUOTATION page and enter your preferred dimensions.

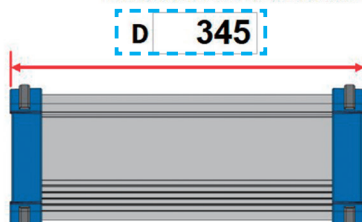
STEP1 Select required width / height.



Select	W	H	Select	W	H
☐	69	34	☐	151	81
☐	69	44	☐	151	101
☐	69	59	☐	199	56
☐	89	39	☐	199	74
☐	89	49	☒	199	94
☐	89	64	☐	199	119
☐	116	41	☐	244	64
☐	116	56	☐	244	89
☐	116	71	☐	244	114
☐	151	46	☐	300	90
☐	151	61	☐	300	140

STEP2 Specify size D(depth) ... Enter dimensions in 1mm intervals.

Available from 40 to 500mm



***NOTE:** Specified size D(depth) $\neq$ available internal dimension

Available internal dimension = **D dimension - 20mm**

Please take caution when calculating required D dimension.

- 3 After entering the quantity, click on the button indicated by the → arrow to generate a Product No.

STEP4 **Quantity** ※Quantity can be specified up to 5 slots.

pcs

▶Add quantity



▶ **GENERATE PRODUCT NO.**

Product No. **EXPS199 – 94 – 345SN** ※Please use this model number when ordering.

- 4 After entering your details and the message in our INQUIRY FORM, click on the CONFIRM button.

STEP5 **INQUIRY FORM**

Fill out the inquiry form and send it. We will give you quotation by Email.
Inquiry from the country where the distributor is located will be answered by the distributor.

Fields marked with ★ are required

Product No. **EXPS199-94-345SN** Quantity ★

E-mail ★

Company ★

Your name ★ ☐ Mr. ☒ Ms. First name Last name

Country ★

Message

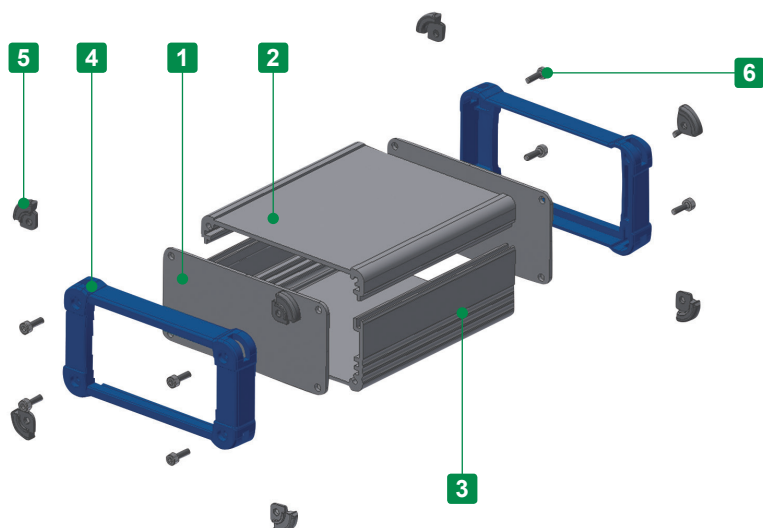


▶ **CONFIRM**

Our privacy policy have been designed to ensure that personal information is not misused or used for purposes other than it is intended for.
[PRIVACY POLICY](#)

- 5 A TAKACHI sales representative will get in touch with you with a quote via e-mail.





- Corner guards are designed to be both aesthetically pleasing, and impact resistant.
- 2 new Width/Height types added. Selectable in 22 different Width/Height types, with adjustable length (depth) in 1mm intervals from 40 to 500mm.
- 16 different color combinations possible by combining a black or silver Top/Bottom covers with 8 different exterior frame colors.

Included screws

EXPS69-□, 89-□ models : M2.5-8 x 8 pcs
 EXPS116-□, 151-□ models : M3-10 x 8 pcs
 EXPS199-□ models : M4-12 x 8 pcs
 EXPS244-□, 300-□ models : M5-12 x 8 pcs
 ※Hexagonal wrench included.

Components

No.	Part name	Pcs	Material	Color / Finish
1	Panel	2	Aluminium A1100P	Silver / Anodized • Black / Painted
2	Top cover	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
3	Bottom cover	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
4	Exterior frame	2	PC+ABS Flame-resistant	Black • Gray / Unpainted Indigo • Navy • Lime • Yellow • Orange • Red / Painted
5	Corner guard	8	Silicone	Dark gray • Black
6	Screw (Hexagonal)	8	Stainless steel	Unfinished

■ See page EX-Cover-1 ~ EX-Cover-4 for Top / Bottom cover dimensions.

Lead Time

Custom Size Only
 Custom Size + Hole Milling

4 business days (1 ~ 10 pcs)
 9 business days (1 ~ 10 pcs)

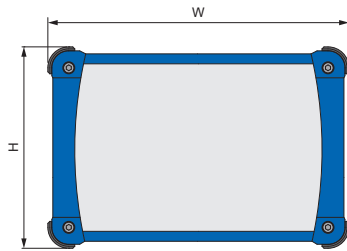
Order Inquiry

For more information, contact us here at sales@takachi-el.co.jp

1 Dimensions

To select W-H dimensions from the table below, and D length in 1mm intervals.

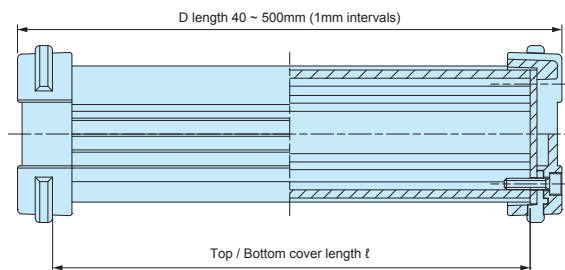
Width-Height dimensions



W-H No.	W	H
69- 34	69	34
69- 44	69	44
69- 59	69	59
89- 39	89	39
89- 49	89	49
89- 64	89	64
116- 41	116	41
116- 56	116	56
116- 71	116	71
151- 46	151	46
151- 61	151	61

W-H No.	W	H
151- 81	151	81
151-101	151	101
199- 56	199	56
199- 74	199	74
199- 94	199	94
199-119	199	119
244- 64	244	64
244- 89	244	89
244-114	244	114
NEW 300- 90	300	90
NEW 300-140	300	140

D length



W-H No.	ℓ
69-□	D-14
89-□	D-14
116-□	D-16
151-□	D-17
199-□	D-20
244-□	D-23
300-□	D-22

■ D length can be requested in 0.1mm intervals, but with higher tolerances (±0.3mm).

■ See page EX-Cover-1 ~ EX-Cover-4 for Top/Bottom cover dimensions.

2 Color

To select color code from the table below.

Exterior frame color : Black • Gray / Unpainted - Other colors / Painted

Code	S B Silver / Black	S G Silver / Gray	S I Silver / Indigo	S N Silver / Navy
Color				
Code	S L Silver / Lime	S Y Silver / Yellow	S O Silver / Orange	S R Silver / Red
Color				
Code	B B Black / Black	B G Black / Gray	B I Black / Indigo	B N Black / Navy
Color				
Code	B L Black / Lime	B Y Black / Yellow	B O Black / Orange	B R Black / Red
Color				

Product Number

To determine a product number, fill W-H, D length and select Color code in the following blank boxes.

Product no. EXPS

-

-

1 W-H

1 D length

2 Color code

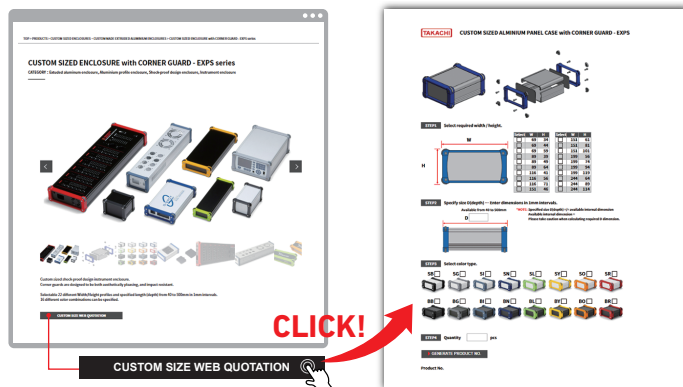
Numbering example: W-H:116-56 x D:234 and BL color code → **EXPS116-56-234BL**

CUSTOM SIZE WEB QUOTATION

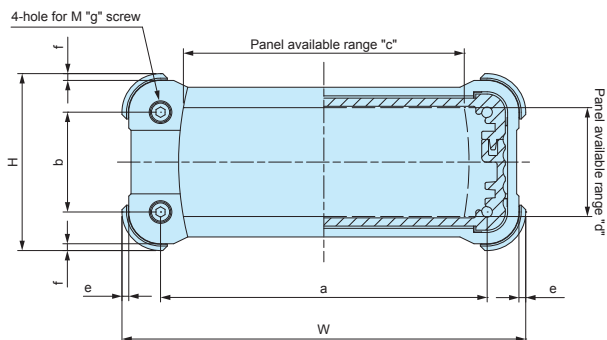
Send your inquiry via our online form now!

Visit the EXPS product page on our website, click on the "CUSTOM SIZE WEB QUOTATION" button, and fill in the required details.

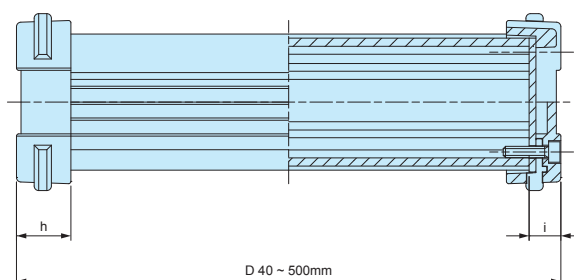
The product number will be generated, and once your information have been filled in, simply click on SUBMIT and await for our sales team's contact!



EXPS dimensions



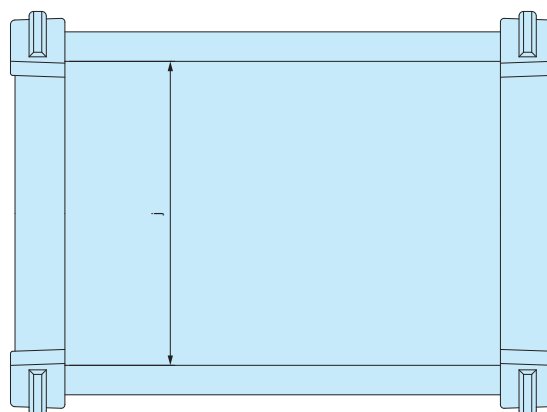
■ DXF/DWG/PDF drawings available on our website.



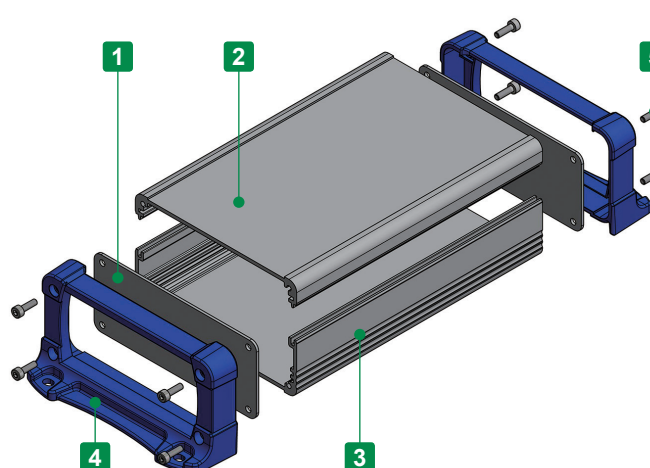
Accessories (Optional parts)



Tilt leg TLW series
See page 222



Product no.	W	H	a	b	c	d	e	f	g	h	i	j
EXPS 69- 34-□	69	34	52	17	41.8	19.6	1.5	1.5	2.5	12	7	47
EXPS 69- 44-□	69	44	52	27	41.5	29.6	1.5	1.5	2.5	12	7	47
EXPS 69- 59-□	69	59	52	42	41.2	44.6	1.5	1.5	2.5	12	7	47
EXPS 89- 39-□	89	39	72	22	61.6	23.5	1.5	1.5	2.5	12	7	67
EXPS 89- 49-□	89	49	72	32	61.3	33.5	1.5	1.5	2.5	12	7	67
EXPS 89- 64-□	89	64	72	47	61	48.5	1.5	1.5	2.5	12	7	67
EXPS116- 41-□	116	41	95	20	82.8	23.8	1.75	1.75	3	16	8	89
EXPS116- 56-□	116	56	95	35	83.2	38.8	1.75	1.75	3	16	8	89
EXPS116- 71-□	116	71	95	50	82.8	52.5	1.75	1.75	3	16	8	89
EXPS151- 46-□	151	46	130	25	106.8	23.7	1.75	1.75	3	18	8.5	124
EXPS151- 61-□	151	61	130	40	106.8	38.7	1.75	1.75	3	18	8.5	124
EXPS151- 81-□	151	81	130	60	106.8	58.7	1.75	1.75	3	18	8.5	124
EXPS151-101-□	151	101	130	80	106.8	78.7	1.75	1.75	3	18	8.5	124
EXPS199- 56-□	199	56	173	30	131	35	2	2	4	20	10	162
EXPS199- 74-□	199	74	173	48	131	53	2	2	4	20	10	162
EXPS199- 94-□	199	94	173	68	131	73	2	2	4	20	10	162
EXPS199-119-□	199	119	173	93	131	98	2	2	4	20	10	162
EXPS244- 64-□	244	64	218	38	176	43	2	2	5	23	11.5	207
EXPS244- 89-□	244	89	218	63	176	68	2	2	5	23	11.5	207
EXPS244-114-□	244	114	218	88	176	93	2	2	5	23	11.5	207
EXPS300- 90-□	300	90	272	62	230	66	2	2	5	27	11	262
EXPS300-140-□	300	140	272	112	230	116	2	2	5	27	11	262



- Equipped with flanged frame for easy wall mounting.
- Selectable in 20 different Width/Height types, with adjustable length (depth) in 1mm intervals from 40 to 500mm.
- 6 different color combinations available by combining a black or silver Top/Bottom covers with 3 different flanged frame colors.

Included screws

EXPFS66-□, 86-□ models : M2.5-8 x 8 pcs

EXPFS113-□, 148-□ models : M3-10 x 8 pcs

EXPFS195-□ models : M4-12 x 8 pcs

EXPFS240-□ models : M5-12 x 8 pcs

※Hexagonal wrench included.

Components

No.	Part name	Pcs	Material	Color / Finish
1	Panel	2	Aluminium A1100P	Silver / Anodized • Black / Painted
2	Top cover	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
3	Bottom cover	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
4	Flanged frame	2	PC+ABS Flame-resistant	Black • Gray / Unpainted Navy / Painted
5	Screw (Hexagonal)	8	Stainless steel	Unfinished

■ See page EX-Cover-1 ~ EX-Cover-4 for Top / Bottom cover dimensions.

Lead Time

Custom Size Only
Custom Size + Hole Milling

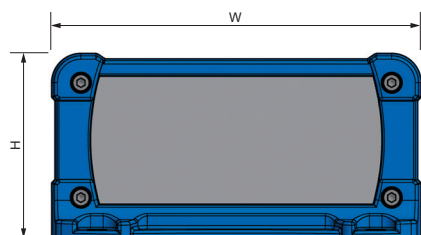
4 business days (1 ~ 3 pcs)
9 business days (1 ~ 3 pcs)

Order InquiryFor more information, contact us here at sales@takachi-el.co.jp

1 Dimensions

To select W-H dimensions from the table below, and D length in 1mm intervals.

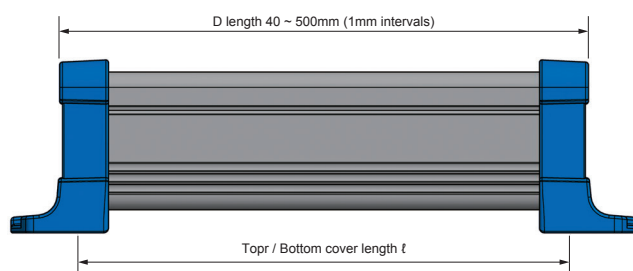
Width-Height dimensions



W-H No.	W	H
66- 34	66	34
66- 44	66	44
66- 59	66	59
86- 39	86	39
86- 49	86	49
86- 64	86	64
113- 42	113	41.5
113- 57	113	56.5
113- 72	113	71.5
148- 47	148	47

W-H No.	W	H
148- 62	148	62
148- 82	148	82
148-102	148	102
195- 57	195	57
195- 75	195	75
195- 95	195	95
195-120	195	120
240- 65	240	65
240- 90	240	90
240-115	240	115

D length



W-H No.	ℓ
66-□	D-14
86-□	D-14
113-□	D-16
148-□	D-17
195-□	D-20
240-□	D-23

■ D length can be requested in 0.1mm intervals, but with higher tolerances (± 0.3 mm).

■ See page EX-Cover-1 ~ EX-Cover-4 for Top/Bottom cover dimensions.

2 Color

To select color code from the table below.

※ Flanged frame color : Black • Gray / Unpainted - Navy / Painted

Code	S B Silver / Black	S G Silver / Gray	S N Silver / Navy
Color			
Code	B B Black / Black	B G Black / Gray	B N Black / Navy
Color			

Product Number

To determine a product number, fill W-H, D length and select Color code in the following blank boxes.

Product no. EXPFS

-

-

1 W-H

1 D length

2 Color code

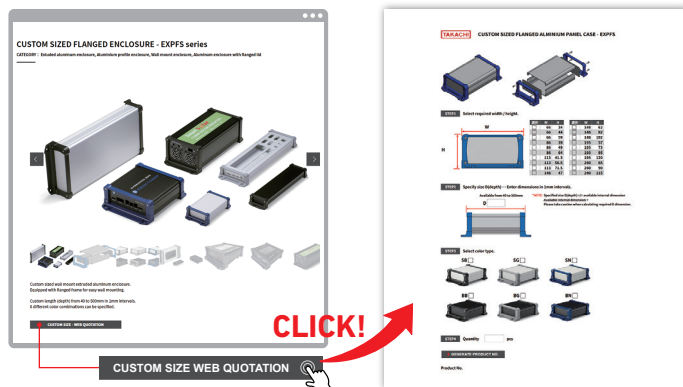
Numbering example: W-H:113-57 x D:234 and BN color code → **EXPFS113-57-234BN**

CUSTOM SIZE WEB QUOTATION

Send your inquiry via our online form now!

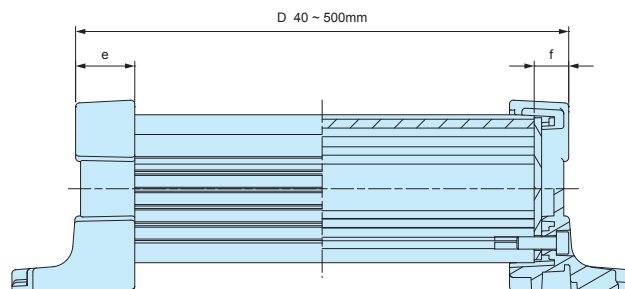
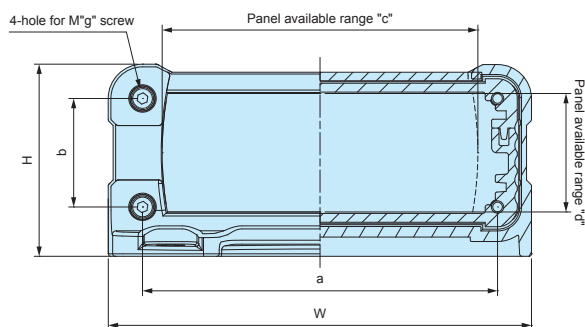
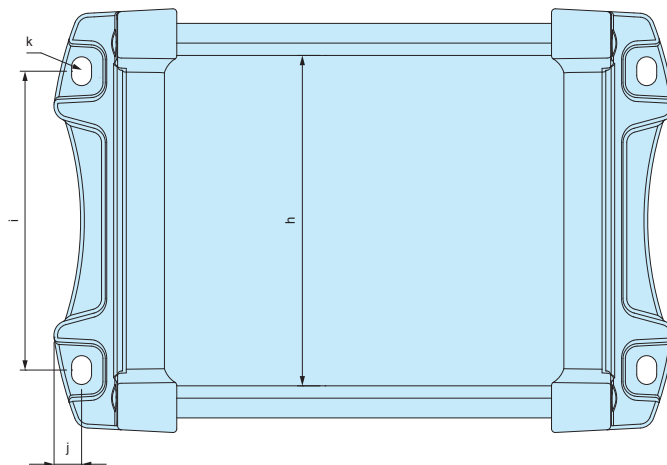
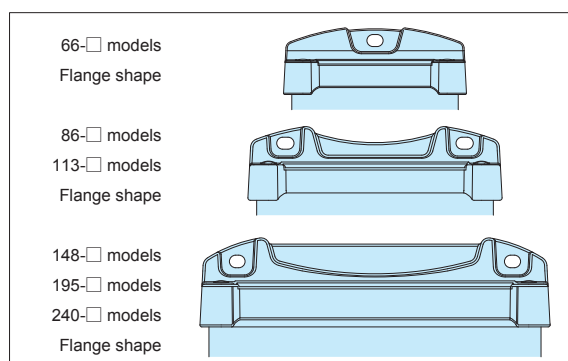
Visit the EXPFS product page on our website, click on the "CUSTOM SIZE WEB QUOTATION" button, and fill in the required details.

The product number will be generated, and once your information have been filled in, simply click on SUBMIT and await for our sales team's contact!



EXPFS dimensions

■ DXF/DWG/PDF drawings available on our website.

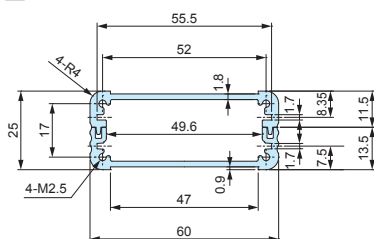


Product no.	W	H	a	b	c	d	e	f	g	h	i	j	k
EXPFS 66- 34-□	66	34	52	17	41.8	19.6	12	7	2.5	47	—	4.5	4.5×6
EXPFS 66- 44-□	66	44	52	27	41.5	29.6	12	7	2.5	47	—	4.5	4.5×6
EXPFS 66- 59-□	66	59	52	42	41.2	44.6	12	7	2.5	47	—	4.5	4.5×6
EXPFS 86- 39-□	86	39	72	22	61.6	23.5	12	7	2.5	67	60.6	5.6	4.2×6
EXPFS 86- 49-□	86	49	72	32	61.3	33.5	12	7	2.5	67	60.6	5.6	4.2×6
EXPFS 86- 64-□	86	64	72	47	61	48.5	12	7	2.5	67	60.6	5.6	4.2×6
EXPFS113- 42-□	113	41.5	95	20	82.8	23.8	16	8	3	89	85.2	7.4	4.6×6
EXPFS113- 57-□	113	56.5	95	35	83.2	38.8	16	8	3	89	85.2	7.4	4.6×6
EXPFS113- 72-□	113	71.5	95	50	82.8	52.5	16	8	3	89	85.2	7.4	4.6×6
EXPFS148- 47-□	148	47	130	25	107.4	23.7	18	8.5	3	124	116.2	9.9	5.5×7
EXPFS148- 62-□	148	62	130	40	107.4	38.7	18	8.5	3	124	116.2	9.9	5.5×7
EXPFS148- 82-□	148	82	130	60	107.4	58.7	18	8.5	3	124	116.2	9.9	5.5×7
EXPFS148-102-□	148	102	130	80	107.4	78.7	18	8.5	3	124	116.2	9.9	6.5×8.5
EXPFS195- 57-□	195	57	173	30	132	35	20	10	4	162	160	12	6.5×8.5
EXPFS195- 75-□	195	75	173	48	132	53	20	10	4	162	160	12	6.5×8.5
EXPFS195- 95-□	195	95	173	68	132	73	20	10	4	162	160	12	6.5×8.5
EXPFS195-120-□	195	120	173	93	132	98	20	10	4	162	160	12	6.5×8.5
EXPFS240- 65-□	240	65	218	38	177	43	23	11.5	5	207	205	12	6.5×8.5
EXPFS240- 90-□	240	90	218	63	177	68	23	11.5	5	207	205	12	6.5×8.5
EXPFS240-115-□	240	115	218	88	177	93	23	11.5	5	207	205	12	6.5×8.5

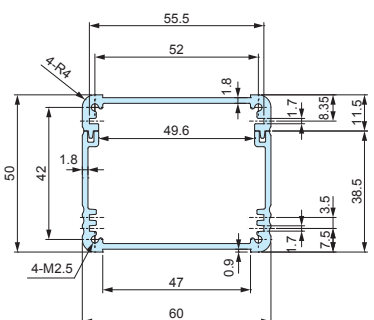
Cross-section view of top & bottom covers

■ DXF/DWG/PDF drawings available on our website.

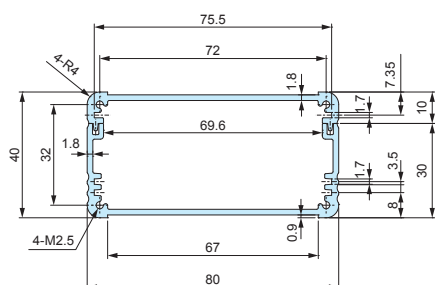
EXPS • EXWS 69-34-
EXPFS • EXWFS 66-34-
EXS 61-26-



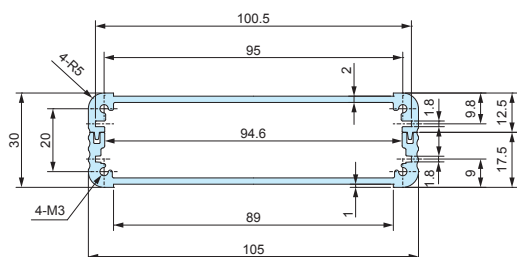
EXPS • EXWS 69-59-
EXPFS • EXWFS 66-59-
EXS 61-51-



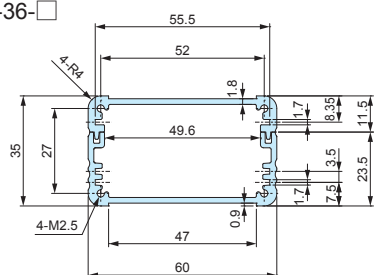
EXPS • EXWS 89-49-
EXPFS • EXWFS 86-49-
EXS 81-41-



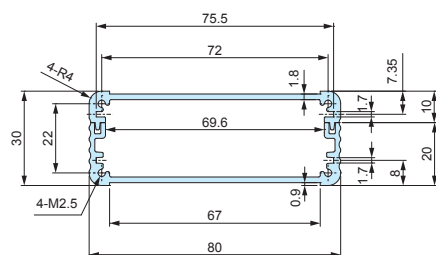
EXPS • EXWS 116-41-☐
EXPFS • EXWFS 113-42-☐
EXS 106-31-☐



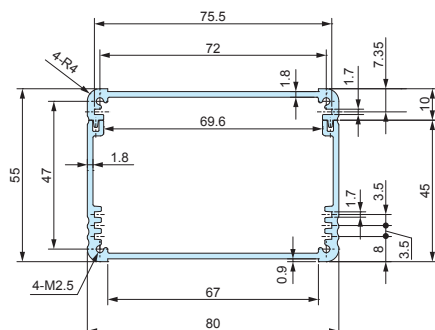
EXPS • EXWS 69-44-☐
EXPFS • EXWFS 66-44-☐
EXS 61-36-☐



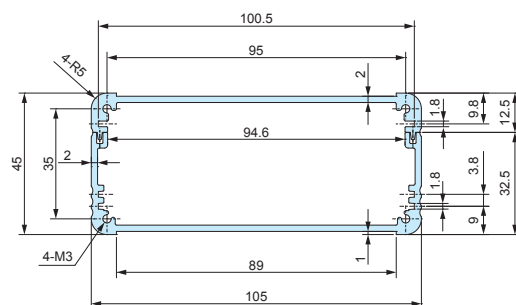
EXPS • EXWS 89-39-
EXPFS • EXWFS 86-39-
EXS 81-31-



EXPS • EXWS 89-64-
EXPFS • EXWFS 86-64-
EXS 81-56-



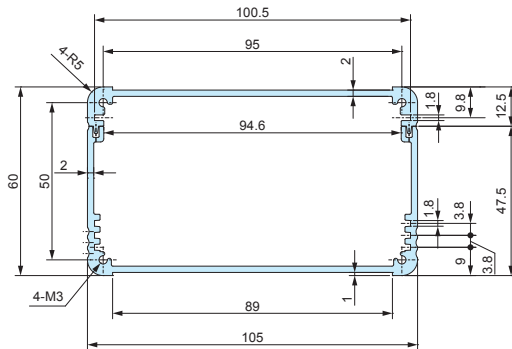
EXPS • EXWS 116-56-☐
EXPFS • EXWFS 113-57-☐
EXS 106-46-☐



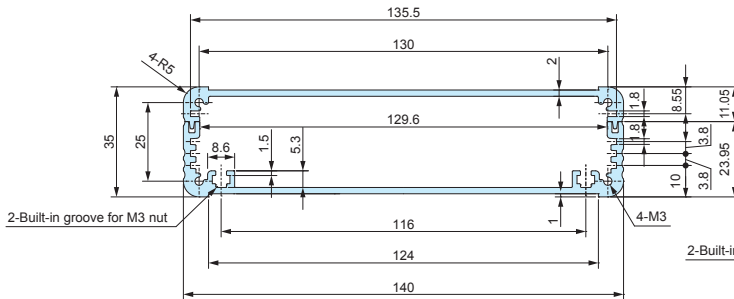
Cross-section view of top & bottom covers

■ DXF/DWG/PDF drawings available on our website.

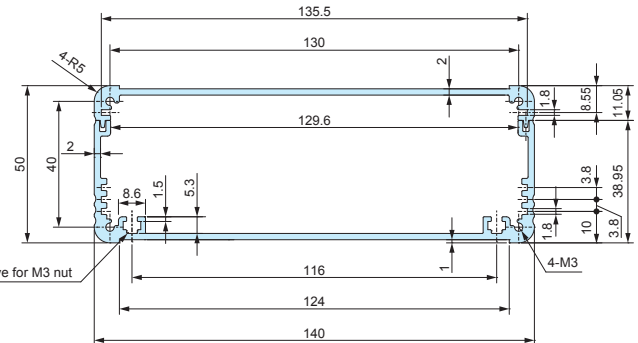
EXPS • EXWS 116-71-□
EXPFS • EXWFS 113-72-□
EXS 106-61-□



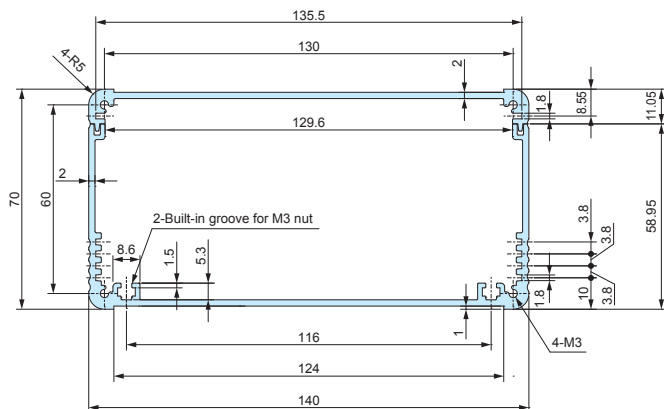
EXPS • EXWS 151-46-□
EXPFS • EXWFS 148-47-□
EXS 141-36-□



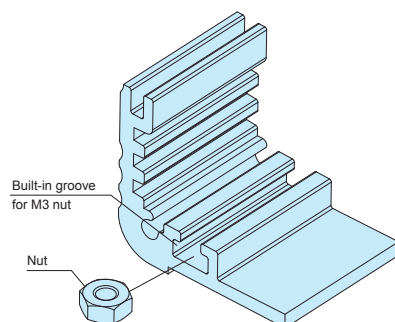
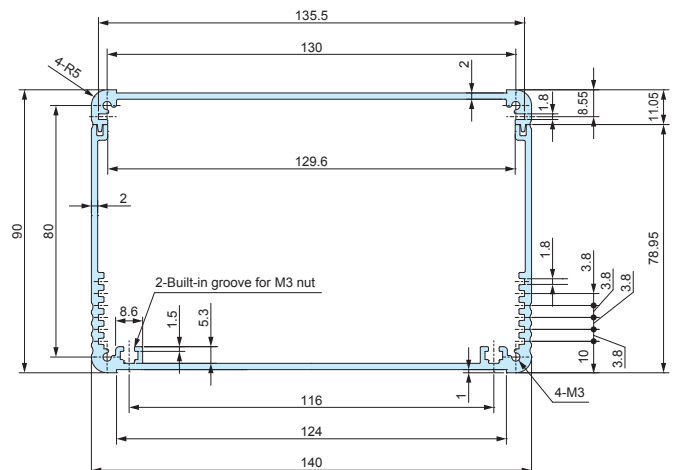
EXPS • EXWS 151-61-□
EXPFS • EXWFS 148-62-□
EXS 141-51-□



EXPS • EXWS 151-81-□
EXPFS • EXWFS 148-82-□
EXS 141-71-□



EXPS • EXWS 151-101-□
EXPFS • EXWFS 148-102-□
EXS 141-91-□



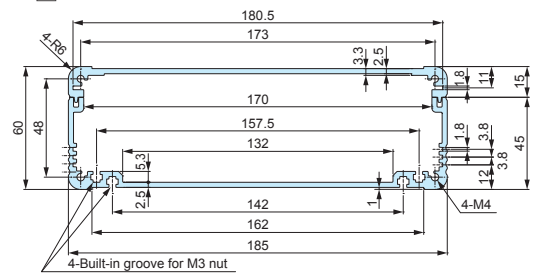
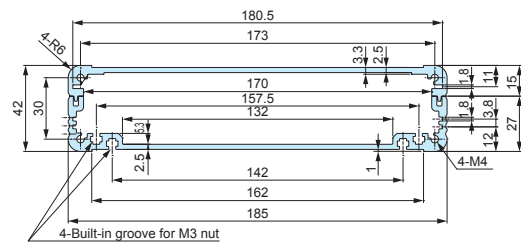
■ Optional M3 nut is available.
Sliding nut can be used on EXPS • EXPFS • EXWS • EXWFS • EXS models with width 140mm or larger bottom covers and with width 230mm and 285mm top covers.
See page EF-36 • MT-3N for MT-3N optional M3 nut.

Cross-section view of top & bottom covers

■ DXF/DWG/PDF drawings available on our website.

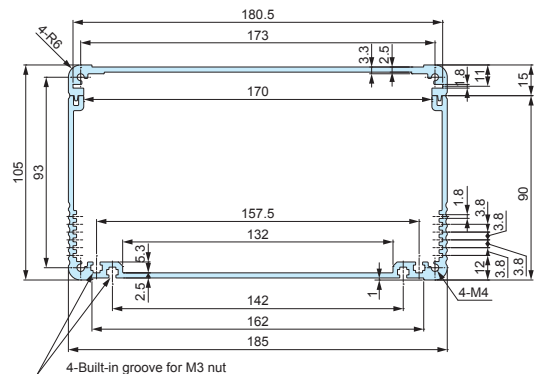
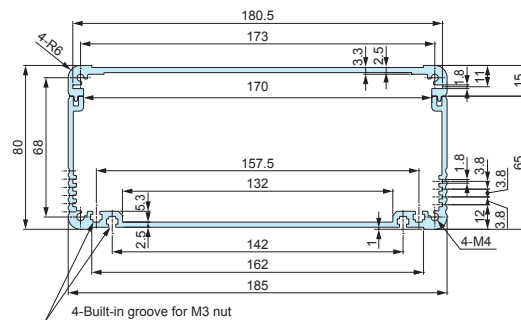
EXPS 199-56-☐
EXPFS • EXWFS 195-57-☐
EXS 187-44-☐

EXPS 199-74-☐
EXPFS • EXWFS 195-75-☐
EXS 187-62-☐

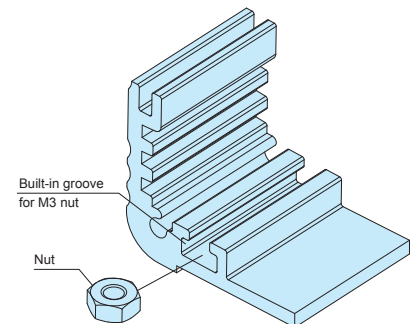
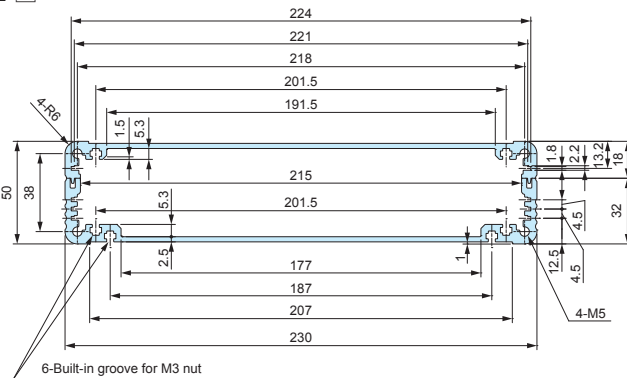


EXPS 199-94-☐
EXPFS • EXWFS 195-95-☐
EXS 187-82-☐

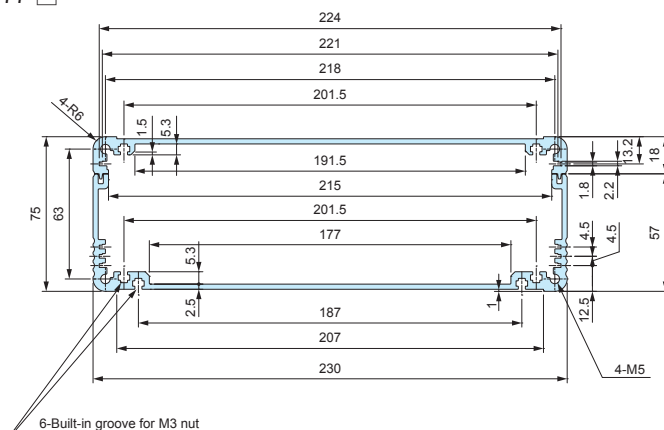
EXPS 199-119-☐
EXPFS • EXWFS 195-120-☐
EXS 187-107-☐



EXPS 244-64-☐
EXPFS • EXWFS 240-65-☐
EXS 232-52-☐



EXPS 244-89-☐
EXPFS • EXWFS 240-90-☐
EXS 232-77-☐



■ Optional M3 nut is available.

Sliding nut can be used on EXPS • EXPFS • EXWS • EXWFS • EXS models with width 140mm or larger bottom covers and with width 230mm and 285mm top covers.

See page EF-36 • MT-3N for MT-3N optional M3 nut.

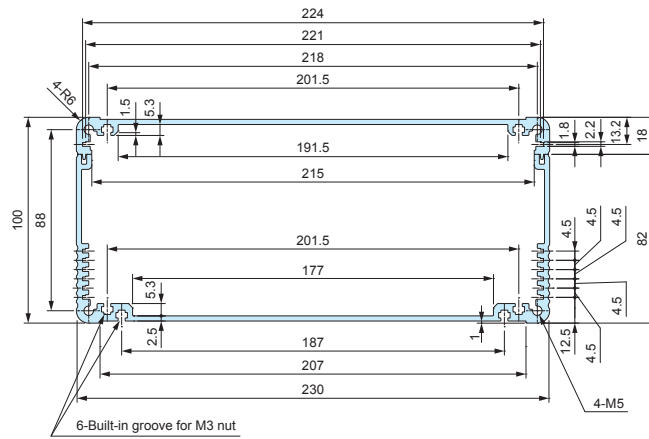
Cross-section view of top & bottom covers

■ DXF/DWG/PDF drawings available on our website.

EXPS 244-114-□

EXPFS • EXWFS 240-115-□

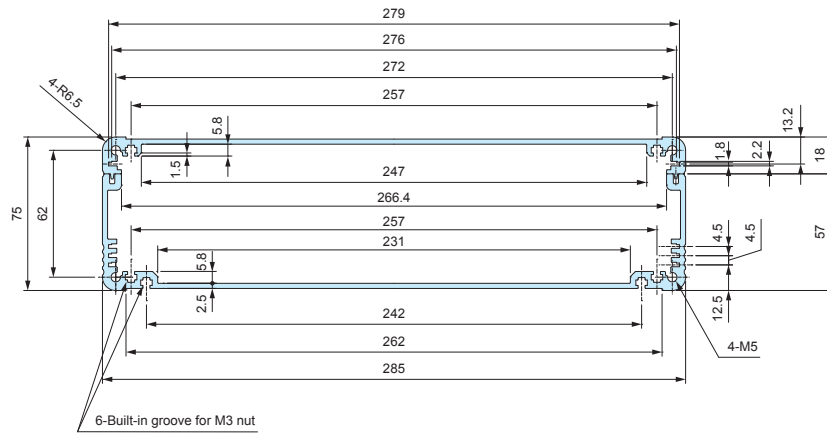
EXS 232-102-□



EXPS 300-90-□

EXWFS 298-93-□

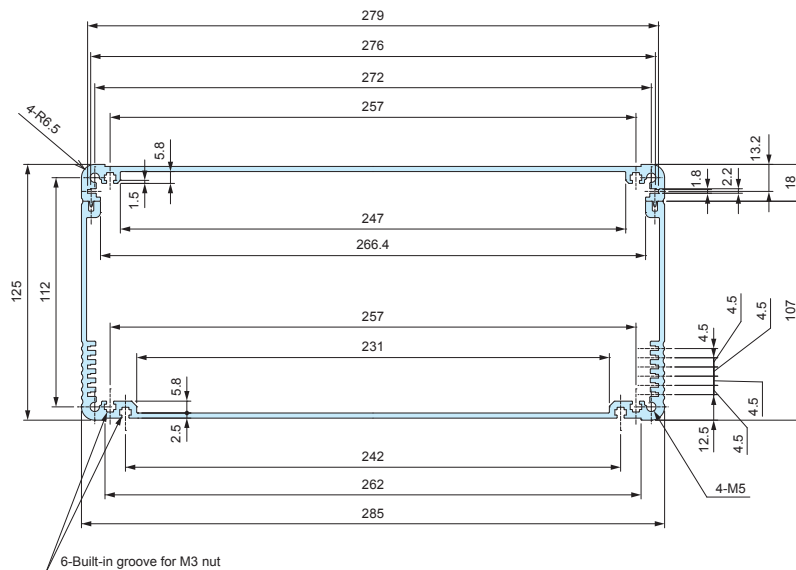
EXS 288-78-□

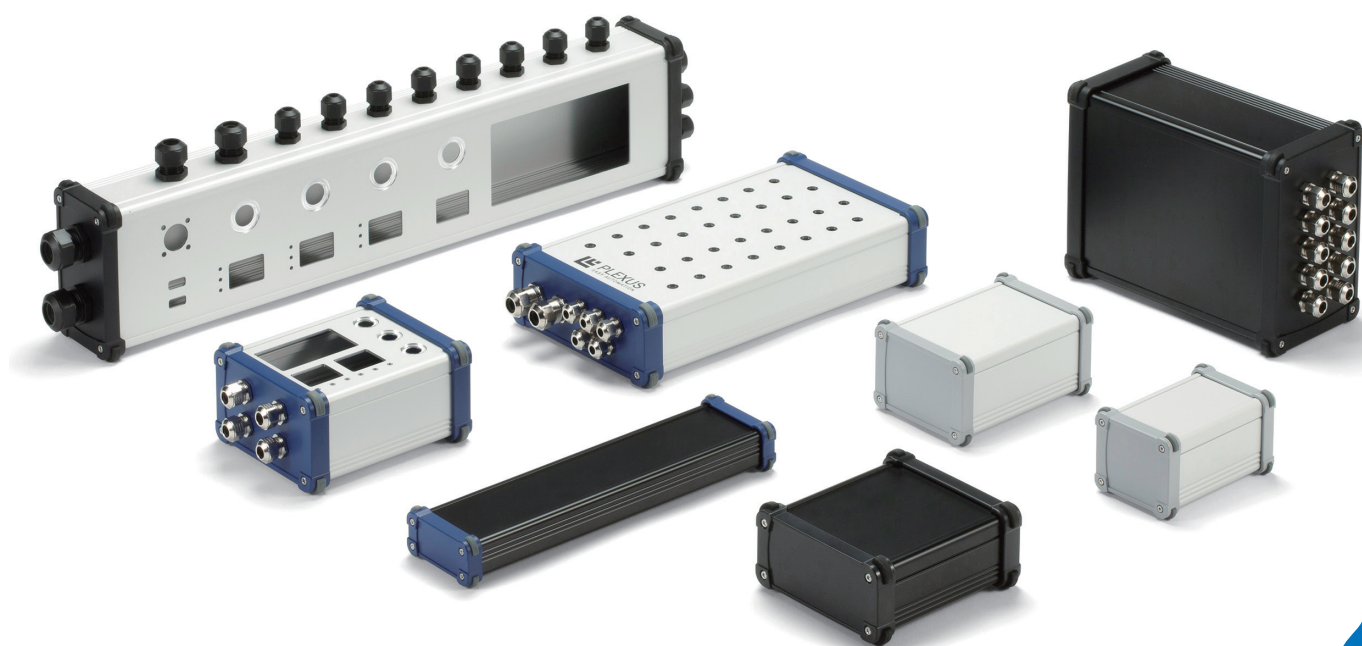


EXPS 300-140-□

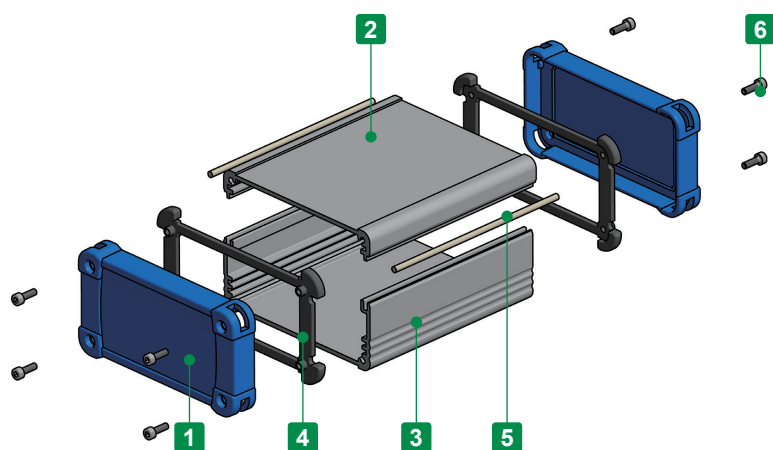
EXWFS 298-143-□

EXS 288-128-□





IP65



Technical Data

Protection class : IP65

■ Not suitable for environments with direct rainfall.

*IP65 protection is not applicable if D = 400mm or more.

Operating temperature: -10°C ~ +60°C

- IP65 is made possible by the sealing of between Top/Bottom covers and end panels with gaskets.
- Selectable in 13 different Width/Height types, with adjustable length (depth) in 1mm intervals from 40 to 500mm.
- 6 different color combinations possible by combining a black or silver Top/Bottom covers with 3 different panel colors.

Included screws

EXWS69-□, 89-□ models : M2.5-8 x 8 pcs

EXWS116-□, 151-□ models : M3-10 x 8 pcs

※Hexagonal wrench included.

Components

No.	Part name	Pcs	Material	Color / Finish
1	Panel	2	PC+ABS Flame-resistant	Black • Gray / Unpainted Navy / Painted
2	Top cover	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
3	Bottom cover	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
4	Panel gasket	2	Silicone	Charcoal gray*
5	Cover gasket	2	Silicone sponge	White gray
6	Screw (Hexagonal)	8	Stainless steel	Unfinished

■ See page EX-Cover-1 ~ EX-Cover-4 for Top / Bottom cover dimensions.

■ Dark gray and black color panel gasket will be changed to charcoal gray upon depletion of inventory.

Lead Time

Custom Size Only
Custom Size + Hole Milling

4 business days (1 ~ 3 pcs)
9 business days (1 ~ 3 pcs)

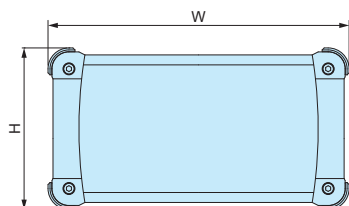
Order Inquiry

For more information, contact us here at sales@takachi-el.co.jp

1 Dimensions

To select W-H dimensions from the table below, and D length in 1mm intervals.

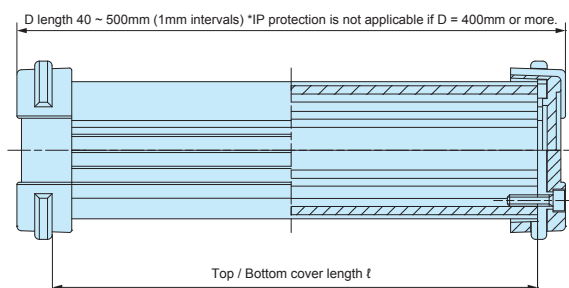
Width-Height dimensions



W-H No.	W	H
69- 34	69	34
69- 44	69	44
69- 59	69	59
89- 39	89	39
89- 49	89	49
89- 64	89	64
116- 41	116	41

W-H No.	W	H
116- 56	116	56
116- 71	116	71
151- 46	151	46
151- 61	151	61
151- 81	151	81
151-101	151	101

D length



W-H No.	ℓ
69-□	D-11
89-□	D-12
116-□	D-13
151-□	D-13

- D length can be requested in 0.1mm intervals, but with higher tolerances (± 0.3 mm).
- *D length may vary due to expansion and contraction of gasket from screw tightening

■ See page EX-Cover-1 ~ EX-Cover-4 for Top/Bottom cover dimensions.

2 Color

To select color code from the table below.

Panel color : Black • Gray / Unpainted - Navy / Painted

Code	S B Silver / Black	S G Silver / Gray	S N Silver / Navy
Color			
Code	B B Black / Black	B G Black / Gray	B N Black / Navy
Color			

Product Number

To determine a product number, fill W-H, D length and select Color code in the following blank boxes.

Product no. EXWS

 -

1 W-H

-

1 D length

2 Color code

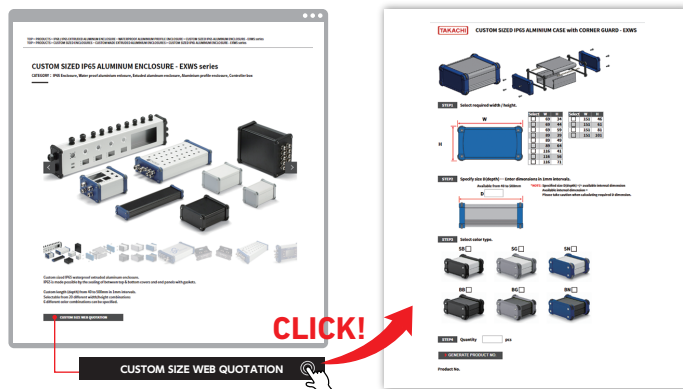
Numbering example: W-H:116-56 x D:345 and SN color code EXWS116-56-345SN

CUSTOM SIZE WEB QUOTATION

Send your inquiry via our online form now!

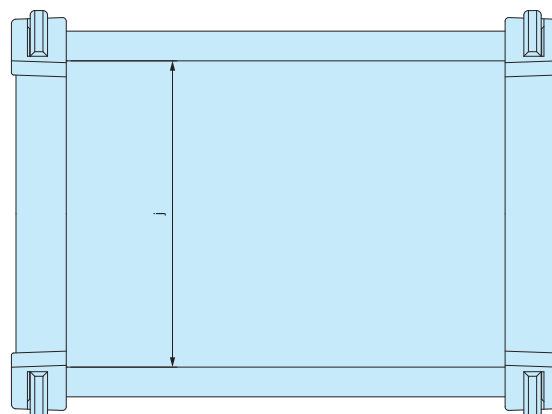
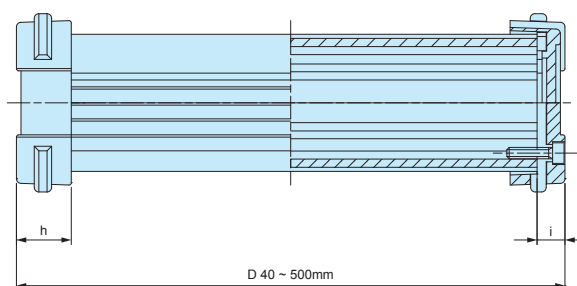
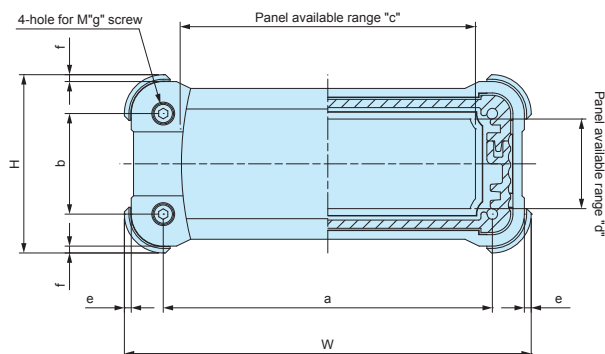
Visit the EXWS product page on our website, click on the "CUSTOM SIZE WEB QUOTATION" button, and fill in the required details.

The product number will be generated, and once your information have been filled in, simply click on SUBMIT and await for our sales team's contact!

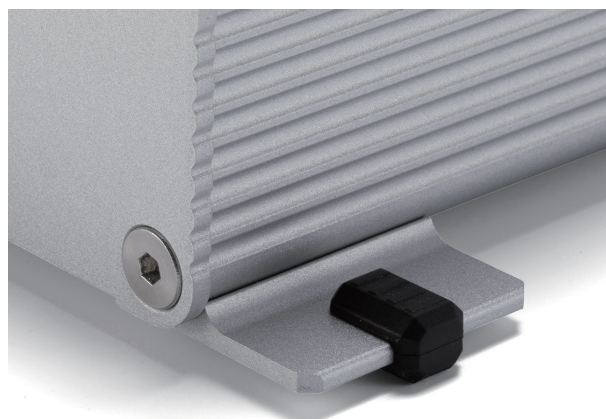
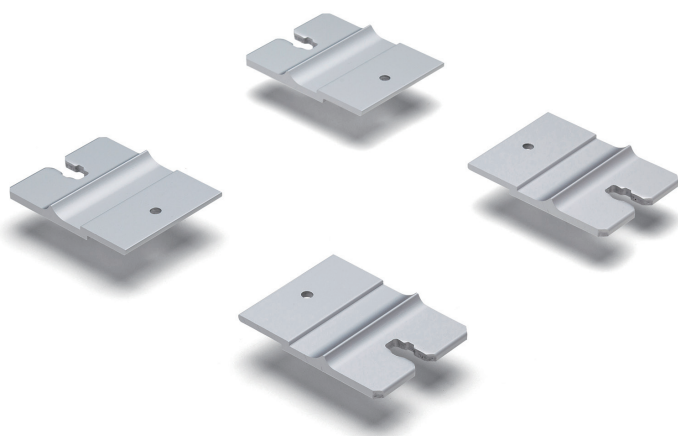


EXWS dimensions

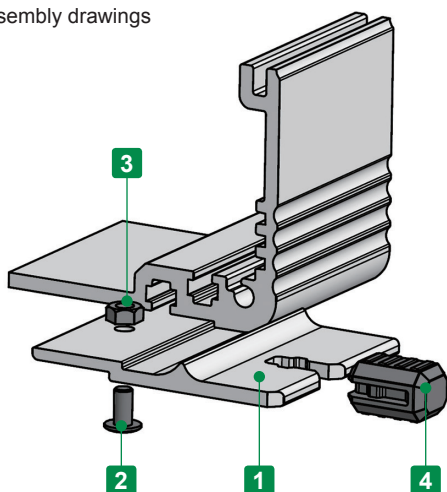
■ DXF/DWG/PDF drawings available on our website.



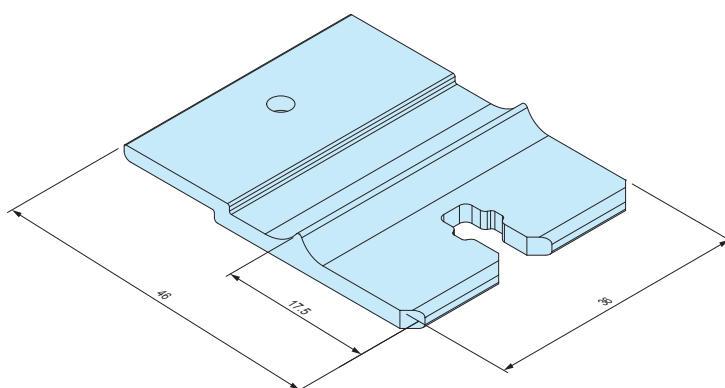
Product no.	W	H	a	b	c	d	e	f	g	h	i	j
EXWS 69- 34-□	69	34	52	17	46	16	1.5	1.5	2.5	12	6	47
EXWS 69- 44-□	69	44	52	27	46	26	1.5	1.5	2.5	12	6	47
EXWS 69- 59-□	69	59	52	42	46	41	1.5	1.5	2.5	12	6	47
EXWS 89- 39-□	89	39	72	22	65.8	20	1.5	1.5	2.5	12	6.5	67
EXWS 89- 49-□	89	49	72	32	65.8	30	1.5	1.5	2.5	12	6.5	67
EXWS 89- 64-□	89	64	72	47	65.8	45	1.5	1.5	2.5	12	6.5	67
EXWS116- 41-□	116	41	95	20	89.6	18	1.75	1.75	3	16	7	89
EXWS116- 56-□	116	56	95	35	89.6	33	1.75	1.75	3	16	7	89
EXWS116- 71-□	116	71	95	50	89.6	48	1.75	1.75	3	16	7	89
EXWS151- 46-□	151	46	130	25	103.4	18.2	1.75	1.75	3	18	7	124
EXWS151- 61-□	151	61	130	40	103.4	33.2	1.75	1.75	3	18	7	124
EXWS151- 81-□	151	81	130	60	103.4	53.2	1.75	1.75	3	18	7	124
EXWS151-101-□	151	101	130	80	103.4	73.2	1.75	1.75	3	18	7	124

EF-36 series**WALL MOUNTING BRACKET for EXS • EXHS**

Assembly drawings



Utilize rubber feet inserts when placing on tables or flat surfaces.

EF-36 dimensions

■ DXF/DWG/PDF/STP drawings available on our website.

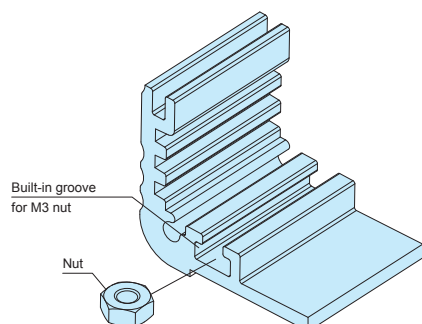
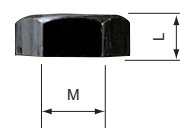
Components

No.	Part name	Pcs	Material	Color / Finish
1	Bracket	4	Extruded aluminium A6063S-T5	Metallic silver / Painted : Black / Anodized
2	Screw (Slim head M3-6)	4	Steel	Black trivalent chromate
3	Nut (For M3 screw)	4	Steel	Black trivalent chromate
4	Insert rubber feet	4	Silicone	Black

Product no.

Product no.	
● Metallic silver / Painted	● Black / Anodized
EF-36S	EF-36B

■ Applicable to be used on EXS series with 185mm or larger bottom covers, and EXHS series with 187mm or larger bottom covers.

MT-3N**SLIDING NUT for EXPS • EXPFS • EXWS • EXWFS • EXS • EXHS****MT-3N dimensions****Product no. / Dimensions**

Product no.	M	L	Material	Finish	Pack of
MT-3N	3	2.4	Steel	Black trivalent chromate	50

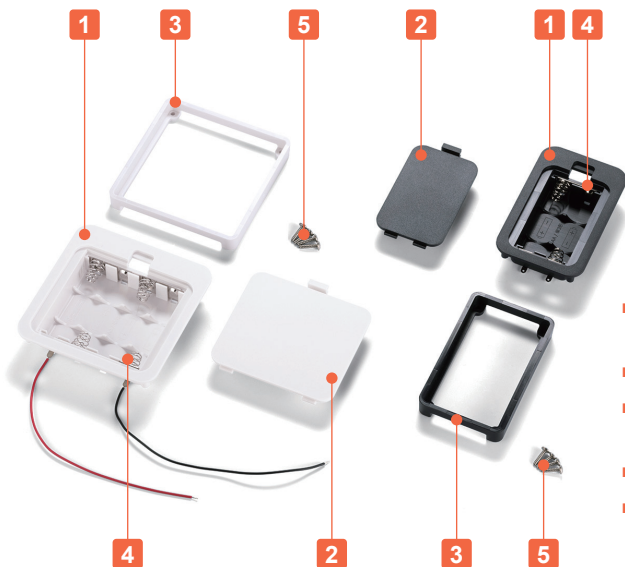
■ Sliding nut can be used on all EXPS • EXPFS • EXWS • EXWFS • EXS models with width 140mm or larger bottom covers and with width 230mm and 285mm top covers, as well as on all EXHS models with width 140mm or larger bottom covers and on all heat-sink top cover sizes.



Technical Data

Operating temperature: -10°C ~ +60°C

Mount Example



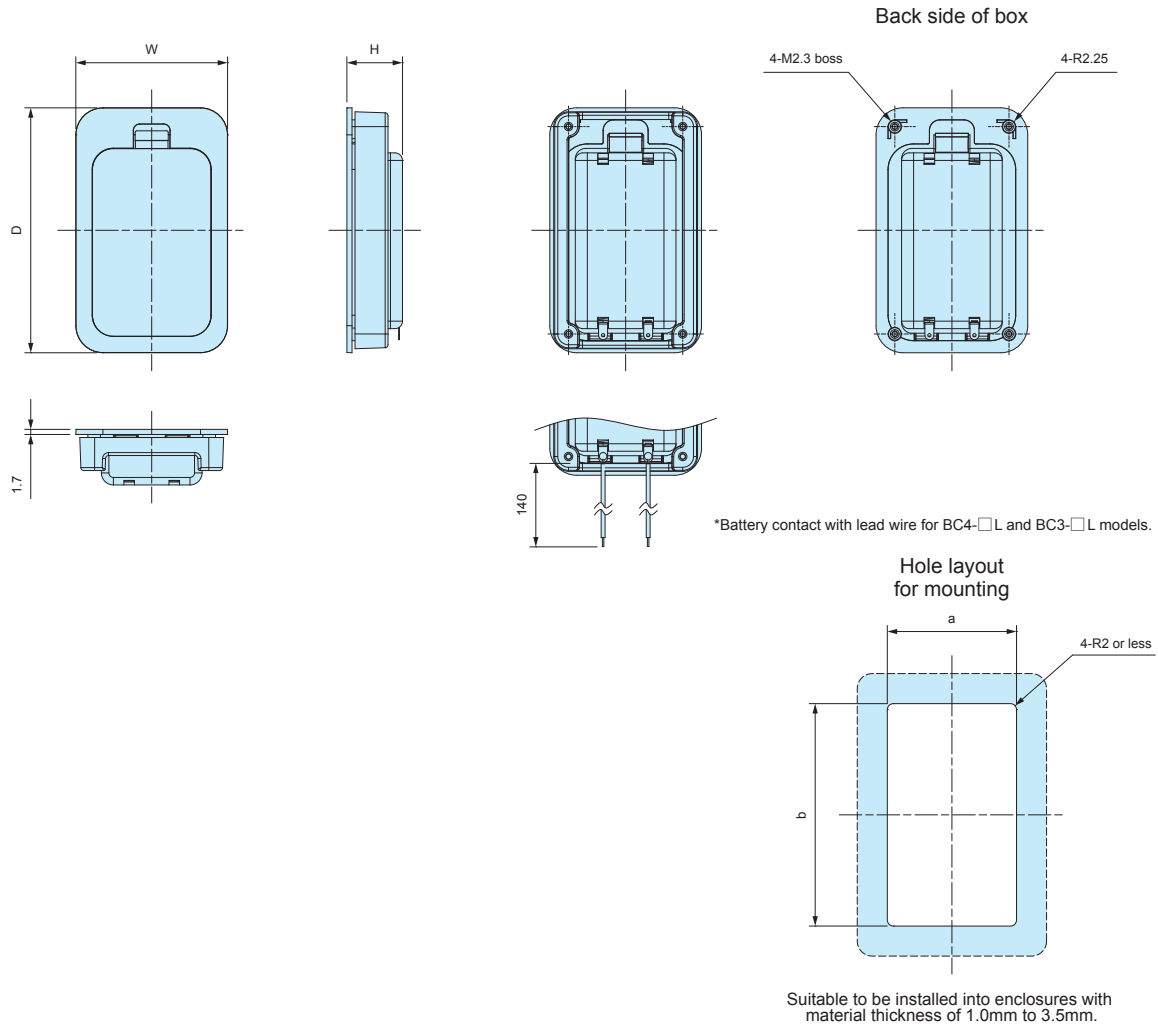
- Suitable to be installed into enclosures with material thickness of 1.0mm to 3.5mm.
- Cover can be opened/closed without any tool for easy battery replacement.
- 5 different battery layouts are available as AA x 2, AA x 3, AA x 4, AAA x 2 and AAA x 4. Each layout comes in 2 models: with lead-wire, and without lead-wire.
- ⊕ ⊖ markings prevents incorrect placement of battery.
- The dimensions of alkaline or manganese batteries may vary depending on country and brand. Use optional battery cushion sponge to prevent rattling.

Components

No.	Part name	Pcs	Material	Color / Finish
1	Box	1	ABS UL94V-0	Black • Off-white
2	Cover	1	ABS UL94V-0	Black • Off-white
3	Frame	1	ABS UL94V-0	Black • Off-white
4	Battery contact Lead wire (BC-L models)	1 set	Battery contact : Brass & steel wire Lead wire : PVC + Copper wire (UL1007 AWG26)	Nickel plated Black • Red
5	Self-tapping screw	4	Steel	Nickel plated

BC dimensions

- DXF/DWG/PDF/STP drawings available on our website.
- The shape and position of battery contacts vary by model.



Type: Without Lead Wire

Product no. / Details

Product no.		Dimensions					Battery layout	Weight (g)
● Black	● Off-white	W	H	D	a	b		
BC4-2-B	BC4-2-W	40	14.8	78.5	32.5	71	*AAA x 2	24.5
BC4-4-B	BC4-4-W	62	14.8	78.5	54.5	71	*AAA x 4	34.5
BC3-2-B	BC3-2-W	50.5	18.5	81.5	43	74	*AA x 2	31.5
BC3-3-B	BC3-3-W	65.5	18.5	81.5	58	74	*AA x 3	39
BC3-4-B	BC3-4-W	80.5	18.5	81.5	73	74	*AA x 4	46

*Alkaline or manganese batteries

Type: With Lead Wire

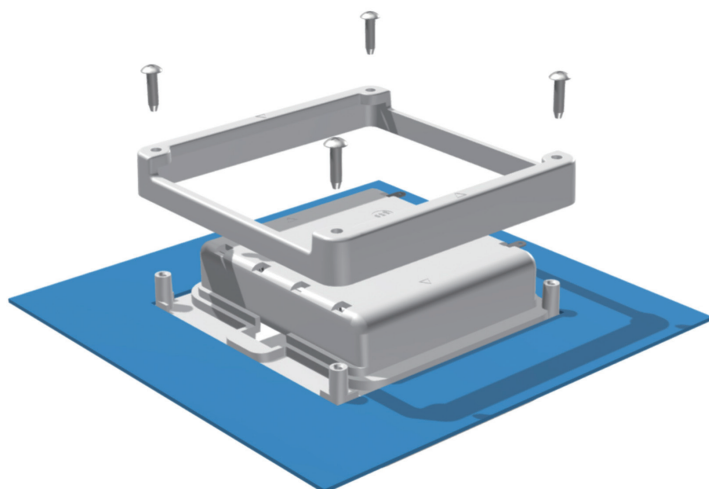
Product no. / Details

Product no.		Dimensions					Battery layout	Weight (g)
● Black	● Off-white	W	H	D	a	b		
BC4-2L-B	BC4-2L-W	40	14.8	78.5	32.5	71	*AAA x 2	25.5
BC4-4L-B	BC4-4L-W	62	14.8	78.5	54.5	71	*AAA x 4	35.5
BC3-2L-B	BC3-2L-W	50.5	18.5	81.5	43	74	*AA x 2	32.5
BC3-3L-B	BC3-3L-W	65.5	18.5	81.5	58	74	*AA x 3	40
BC3-4L-B	BC3-4L-W	80.5	18.5	81.5	73	74	*AA x 4	47

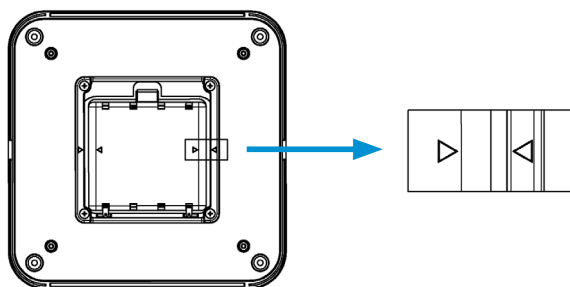
*Alkaline or manganese batteries

How to mount on the enclosures

- Insert battery box into the milled hole first, and fit the frame on the back side. Once mounted, secure the frame with screws.



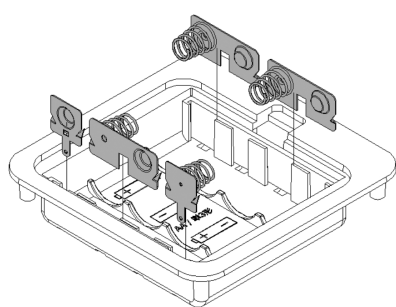
- For BC3-4□ models, ▷ markings are shown on the frame. Install by matching the markings.



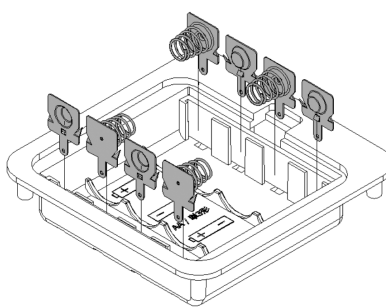
Parallel circuit conversion on BC series battery box

- BC-3□ models can be converted from a series to a parallel circuit. See below illustration for further details.
- IT series (IT-3 models) optional battery contacts can be used for parallel circuit conversion. (See website for more information)
- Use caution when installing or replacing the terminals to avoid the damage to the material.
- Parallel series conversion is available via our customization services.

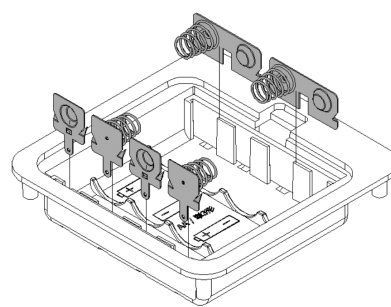
Conversion Example



Series Circuit (Standard)

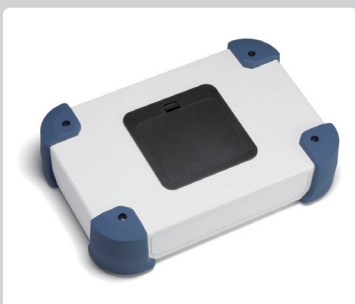


Parallel Circuit (4 batteries)



Parallel Circuit (2 batteries x 2)

Customization Available



For more information, contact us here:

Online form: https://www.takachi-enclosure.com/contact/form_contact
E-mail : sales@takachi-el.co.jp