



- Equipped with flanged frame for easy wall mounting.
- Available in 67 different sizes and 6 different color combinations by 2 body frame and 3 end panel colors.
- Custom length is available.

Included screws

EXPF 7-□, 9-□ models : M2.5-8 x 8 pcs

EXPF11-□, 15-□ models : M3-10 x 8 pcs

EXPF20-□ models : M4-12 x 8 pcs

EXPF24-□ models : M5-12 x 8 pcs

※Hexagonal wrench included

Components

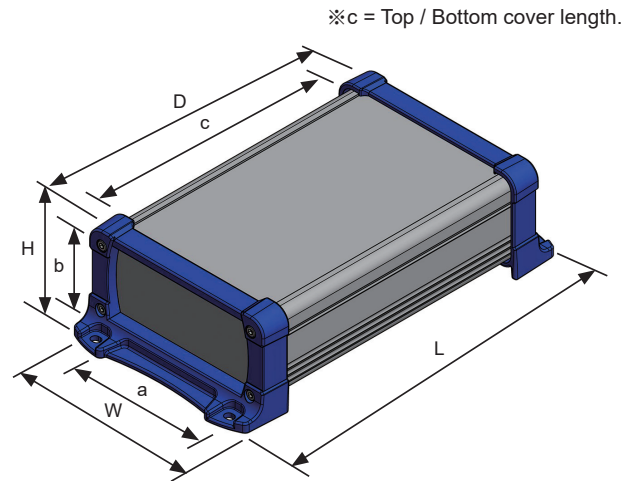
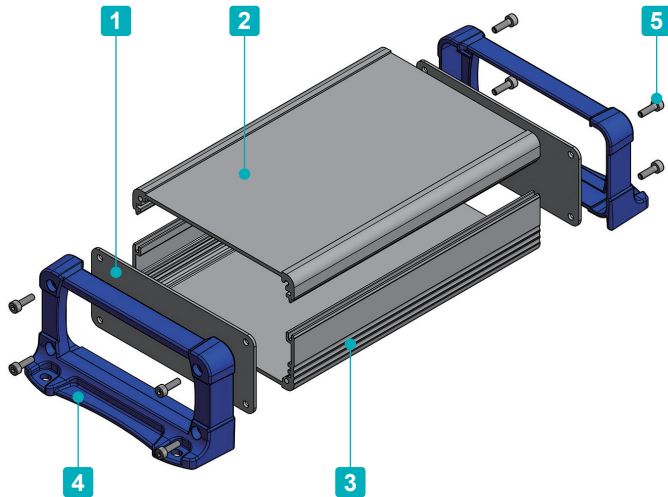
No.	Part name	Pcs	Material	Color / Finish
1	Panel	2	Aluminium A1100P	Silver / Anodized • Black / Painted
2	Top cover	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
3	Bottom cover	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
4	Flanged frame	2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

Color Type

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			

EXPF dimensions

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



Product no. / Details

■ Please suffix color code at the end of the product number.

Product no.	External dimensions				Internal dimensions		
	W	H	D	L	a	b	c
EXPF 7- 3- 6□□	66	34	60	84	46	19.6	46
EXPF 7- 3- 9□□	66	34	87	111	46	19.6	73
EXPF 7- 3-11□□	66	34	110	134	46	19.6	96
EXPF 7- 4- 6□□	66	44	60	84	46	29.6	46
EXPF 7- 4- 9□□	66	44	87	111	46	29.6	73
EXPF 7- 4-11□□	66	44	110	134	46	29.6	96
EXPF 7- 6- 6□□	66	59	60	84	46	44.6	46
EXPF 7- 6- 9□□	66	59	87	111	46	44.6	73
EXPF 7- 6-11□□	66	59	110	134	46	44.6	96
EXPF 9- 4- 7□□	86	39	70	95.8	66	24.6	56
EXPF 9- 4-10□□	86	39	100	125.8	66	24.6	86
EXPF 9- 4-13□□	86	39	130	155.8	66	24.6	116
EXPF 9- 5- 7□□	86	49	70	95.8	66	34.6	56
EXPF 9- 5-10□□	86	49	100	125.8	66	34.6	86
EXPF 9- 5-13□□	86	49	130	155.8	66	34.6	116
EXPF 9- 6- 7□□	86	64	70	95.8	66	49.6	56
EXPF 9- 6-10□□	86	64	100	125.8	66	49.6	86
EXPF 9- 6-13□□	86	64	130	155.8	66	49.6	116
EXPF11- 4- 9□□	113	41.5	90	121.8	88	24	74
EXPF11- 4-13□□	113	41.5	130	161.8	88	24	114
EXPF11- 4-18□□	113	41.5	176	207.8	88	24	160
EXPF11- 6- 9□□	113	56.5	90	121.8	88	39	74
EXPF11- 6-13□□	113	56.5	130	161.8	88	39	114
EXPF11- 6-18□□	113	56.5	176	207.8	88	39	160
EXPF11- 7- 9□□	113	71.5	90	121.8	88	54	74
EXPF11- 7-13□□	113	71.5	130	161.8	88	54	114
EXPF11- 7-18□□	113	71.5	176	207.8	88	54	160
EXPF15- 5-11□□	148	47	110	149.2	106.8	29	93
EXPF15- 5-15□□	148	47	150	189.2	106.8	29	133
EXPF15- 5-20□□	148	47	200	239.2	106.8	29	183
EXPF15- 6-11□□	148	62	110	149.2	106.8	44	93
EXPF15- 6-15□□	148	62	150	189.2	106.8	44	133
EXPF15- 6-20□□	148	62	200	239.2	106.8	44	183
EXPF15- 8-11□□	148	82	110	149.2	106.8	64	93
EXPF15- 8-15□□	148	82	150	189.2	106.8	64	133
EXPF15- 8-20□□	148	82	200	239.2	106.8	64	183
EXPF15-10-11□□	148	102	110	149.2	106.8	84	93
EXPF15-10-15□□	148	102	150	189.2	106.8	84	133
EXPF15-10-20□□	148	102	200	239.2	106.8	84	183

Product no.	External dimensions				Internal dimensions		
	W	H	D	L	a	b	c
EXPF20- 6-14□□	195	57	140	188.6	131	35	120
EXPF20- 6-19□□	195	57	192	240.6	131	35	172
EXPF20- 6-25□□	195	57	245	293.6	131	35	225
EXPF20- 6-30□□	195	57	300	348.6	131	35	280
EXPF20- 8-14□□	195	75	140	188.6	131	53	120
EXPF20- 8-19□□	195	75	192	240.6	131	53	172
EXPF20- 8-25□□	195	75	245	293.6	131	53	225
EXPF20- 8-30□□	195	75	300	348.6	131	53	280
EXPF20-10-14□□	195	95	140	188.6	131	73	120
EXPF20-10-19□□	195	95	192	240.6	131	73	172
EXPF20-10-25□□	195	95	245	293.6	131	73	225
EXPF20-10-30□□	195	95	300	348.6	131	73	280
EXPF20-12-14□□	195	120	140	188.6	131	98	120
EXPF20-12-19□□	195	120	192	240.6	131	98	172
EXPF20-12-25□□	195	120	245	293.6	131	98	225
EXPF20-12-30□□	195	120	300	348.6	131	98	280
EXPF24- 7-17□□	240	65	170	218.6	176	43	147
EXPF24- 7-23□□	240	65	230	278.6	176	43	207
EXPF24- 7-29□□	240	65	290	338.6	176	43	267
EXPF24- 7-35□□	240	65	350	398.6	176	43	327
EXPF24- 9-17□□	240	90	170	218.6	176	68	147
EXPF24- 9-23□□	240	90	230	278.6	176	68	207
EXPF24- 9-29□□	240	90	290	338.6	176	68	267
EXPF24- 9-35□□	240	90	350	398.6	176	68	327
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EXPF24-12-23□□	240	115	230	278.6	176	93	207
EXPF24-12-29□□	240	115	290	338.6	176	93	267
EXPF24-12-35□□	240	115	350	398.6	176	93	327

■ Custom length is available.

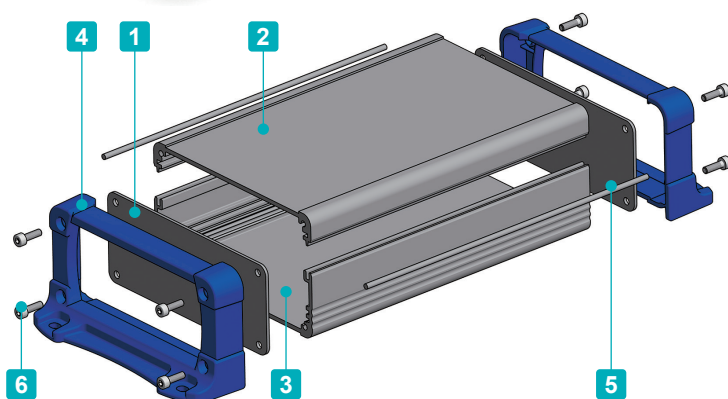
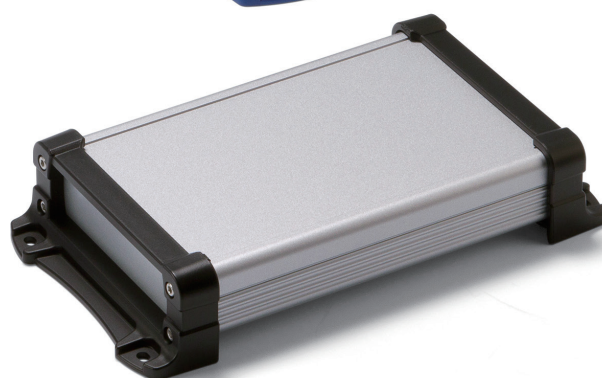
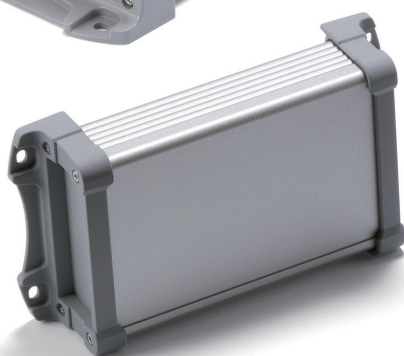


Following models are suitable for Mini-ITX board size.

EXPF20-8-19□□

EXPF20-10-19□□

EXPF20-12-19□□

EMC
Shielding

■ EMC shielding is achieved by having the unfinished inner sides of the top/bottom covers and panels, as well as the fabric-over-foam gasket in contact with one another.

■ Equipped with flanged frame for easy wall mounting.

■ Available in 67 different sizes and 3 different color combinations.

Included screws

EXEF7-□, 9-□ models : M2.5-8 x 8 pcs

EXEF11-□, 15-□ models : M3-10 x 8 pcs

EXEF20-□ models : M4-12 x 8 pcs

EXEF24-□ models : M5-12 x 8 pcs

※ Hexagonal wrench included

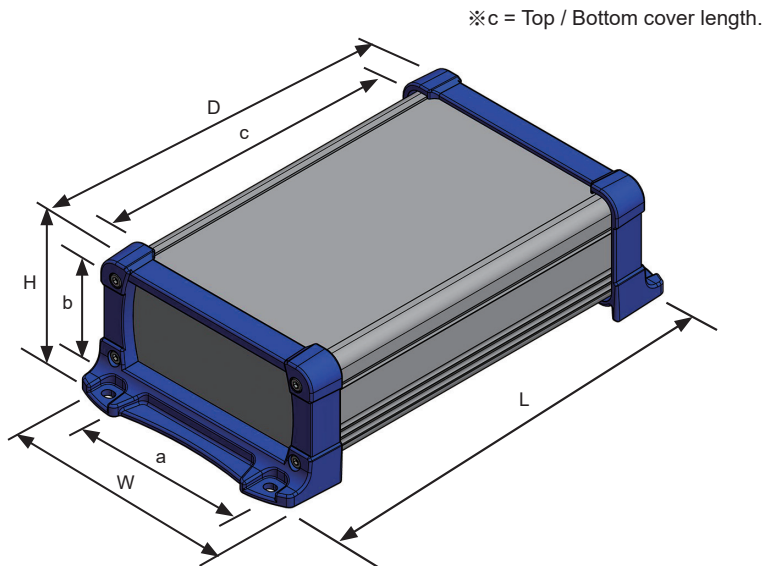
Components

No.	Part name	Pcs	Material	Color / Finish
1	Panel	2	Aluminium A1100P	Metallic silver / Painted (Conductive inside)
2	Top cover	1	Extruded aluminium A6063S-T5	Metallic silver / Painted (Unfinished inside)
3	Bottom cover	1	Extruded aluminium A6063S-T5	Metallic silver / Painted (Unfinished inside)
4	Flanged frame	2	PC+ABS Flame-resistant	Black • Gray / Unpainted Navy / Painted
5	Fabric-over-foam gasket	2	Conductive fabric : TPE	Metallic gray
6	Screw (Hexagonal)	8	Stainless steel	Unfinished

Color Type

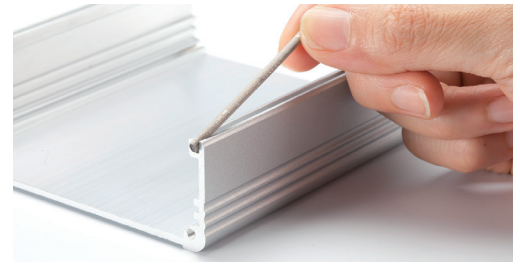
Code	S B Silver / Black	S G Silver / Gray	S N Silver / Navy
Color			

EXEF dimensions

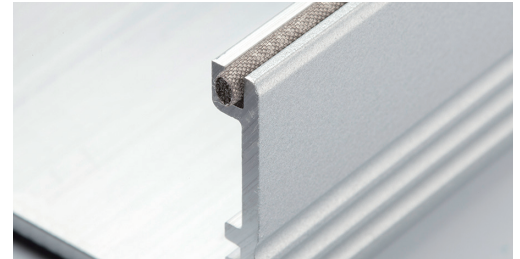


■ DXF/DWG/PDF/STP drawings available on our website.

How to install shield gaskets



■ Insert fabric-over-foam gaskets into the joint-grooves on both sides of the bottom cover.



■ Ensure that a small portion of the fabric-over-foam gaskets protrude out in order to maintain connections with the end panels.

Product no. / Details

■ Please suffix color code at the end of the product number.

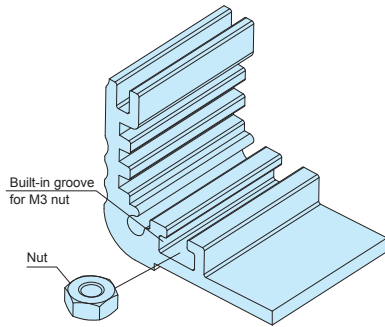
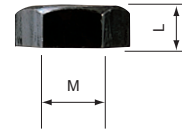
Product no.	External dimensions				Internal dimensions		
	W	H	D	L	a	b	c
EXEF 7- 3- 6□□	66	34	60	84	46	19.6	46
EXEF 7- 3- 9□□	66	34	87	111	46	19.6	73
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EXEF 7- 4- 6□□	66	44	60	84	46	29.6	46
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EXEF20- 6-30□□	195	57	300	348.6	131	35	280
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EXEF24- 7-17□□	240	65	170	218.6	176	43	147
EXEF24- 7-23□□	240	65	230	278.6	176	43	207
EXEF24- 7-29□□	240	65	290	338.6	176	43	267
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EXEF24-12-29□□	240	115	290	338.6	176	93	267
EXEF24-12-35□□	240	115	350	398.6	176	93	327



Following models are suitable for Mini-ITX board size.

EXEF20-8-19□□
EXEF20-10-19□□
EXEF20-12-19□□

MT-3N**SLIDING NUT for EX□ • EXH□****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 EXPT • EXP • EXPE • EXW • EXPF • EXEF • EXWF • EX models with width 140mm or larger bottom covers, as well as with width 230mm and 285mm top covers, on all EXH • EXHE • EXHF • EXHFE models with width 140mm or larger bottom covers, as well as all heat-sink top covers.

EXEG series**EMC SHIELDING FABRIC-OVER-FOAM GASKET**

- Exclusive EMC shielding fabric-over-foam gasket for EXPE • EXEF • EXHE • EXHFE models.

Suitable Models

Product no.	Suitable models
EXEG-2.5	EXPE7-□, 9-□, 12-□, 15-□, EXEF7-□, 9-□, 11-□, 15-□ EXHE8-□, 11-□, 14-□, EXHFE8-□, 11-□, 14-□
EXEG-3.2	EXPE20-□, 24-□, 30-□, EXEF20-□, 24-□ EXHE19-□, 23-□, 29-□, EXHFE19-□, 23-□, 29-□

Product no. / Dimensions

Product no.	Dimensions	Pack of
EXEG-2.5	Φ2.5×500mm	1
EXEG-3.2	Φ3.2×500mm	1

Length tolerance = +/- 10%



- Material / Color : Conductive fiber • TPE / Metallic gray

EX series APPLICATION EXAMPLE**Tube Amplifier**

Product by MJ Audio Technology

**Premain Power Amplifier**

Product by AY-densi (Japan)

**IoT Relay Module**

Product by Bunnyhop (Japan)

**USB Edge Node**

Product by SHINWA (Japan)

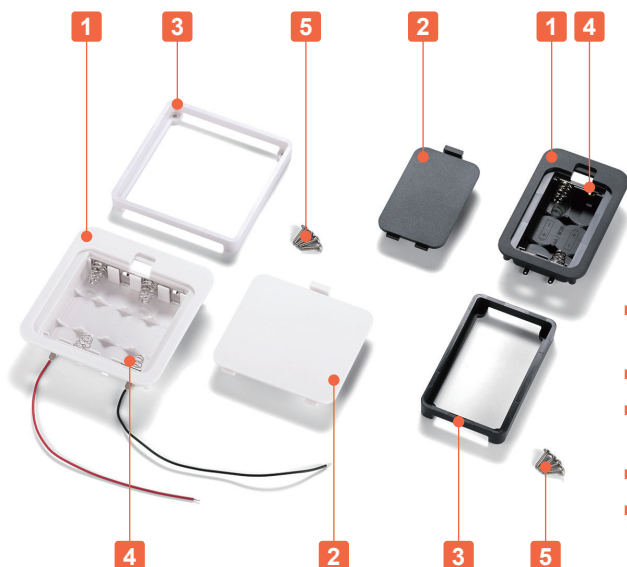




Technical Data

Operating temperature: -10°C ~ +60°C

Mount Example



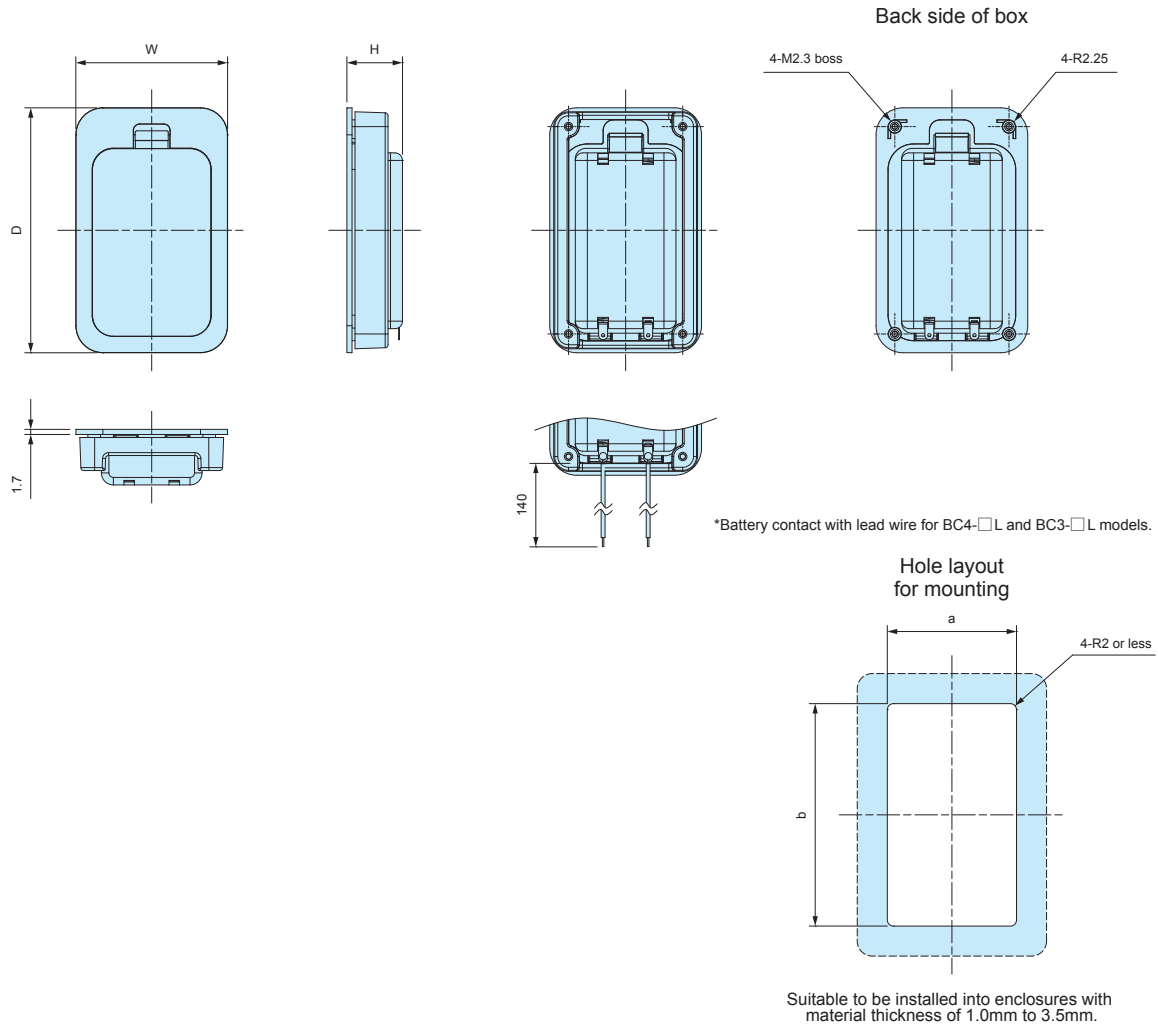
- Suitable to be installed into enclosures with material thickness of 1.0mm to 3.5mm.
- Cover can be opened/closed without any tool for easy battery replacement.
- 5 different battery layouts are available as AA x 2, AA x 3, AA x 4, AAA x 2 and AAA x 4. Each layout comes in 2 models: with lead-wire, 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

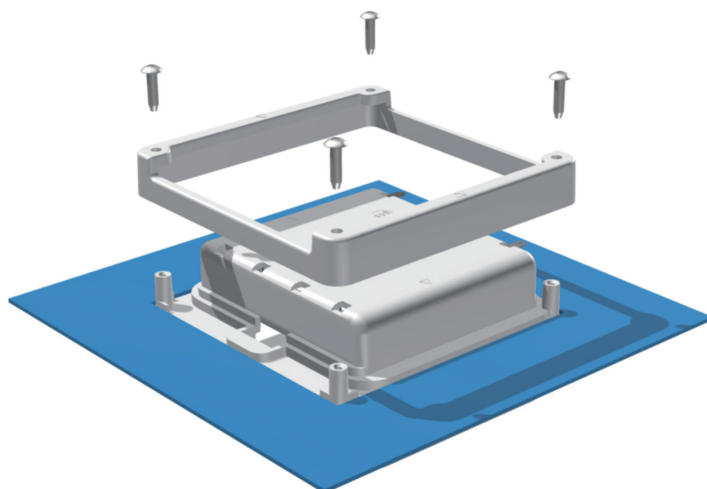
Product no. / Details

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

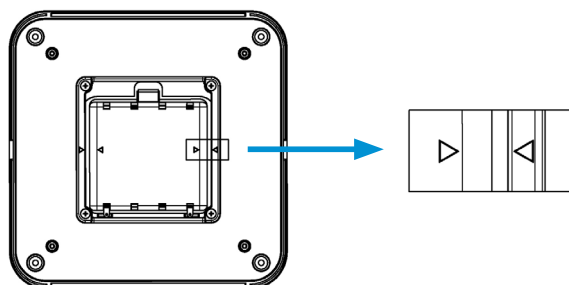
*Alkaline or manganese batteries

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.



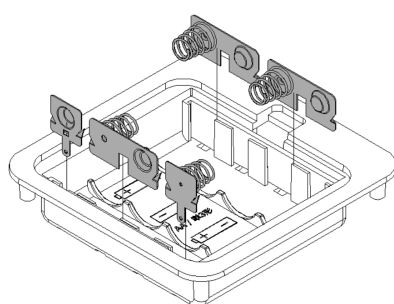
- For BC3-4□ models, ▷ markings are shown on the frame. Install by matching the markings.



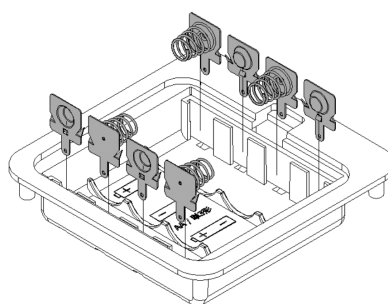
Parallel circuit conversion on BC series battery box

- 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.

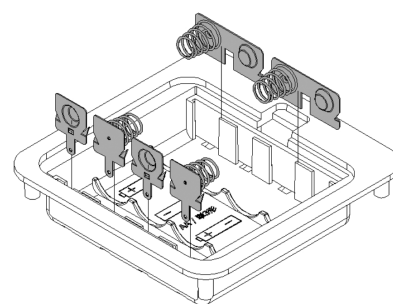
Conversion Example



Series Circuit (Standard)

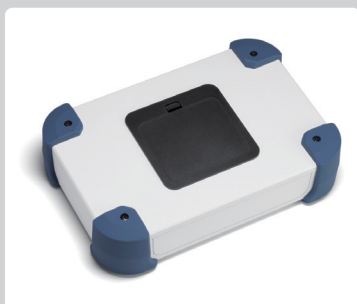


Parallel Circuit (4 batteries)



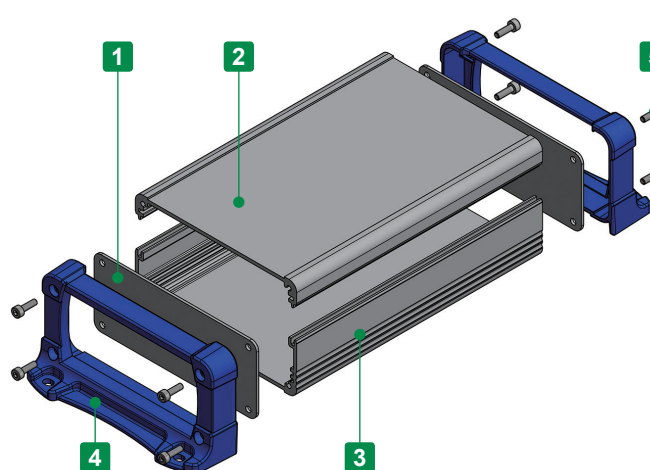
Parallel Circuit (2 batteries x 2)

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



- 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)

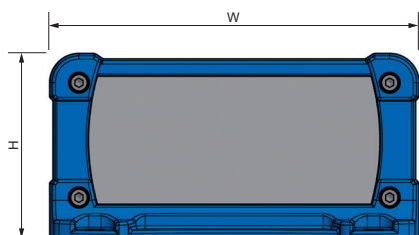
Order Inquiry

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.

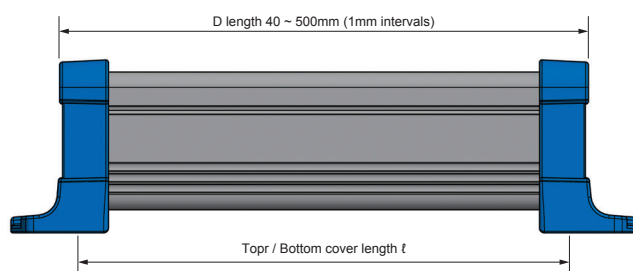
Width-Height dimensions



W-H No.	W	H
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

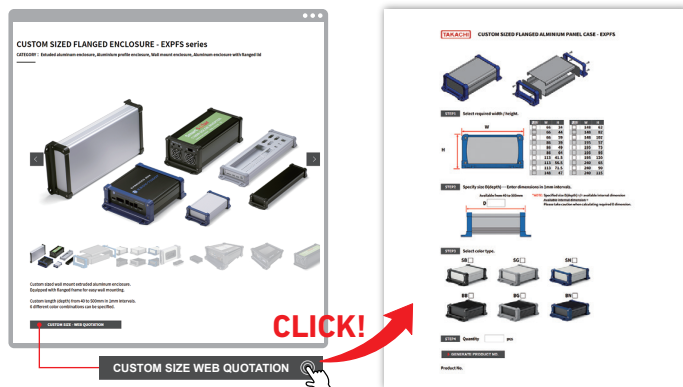
Numbering example: W-H:113-57 x D:234 and BN color code → **EXPFS113-57-234BN**

CUSTOM SIZE WEB QUOTATION

Send your inquiry via our online form now!

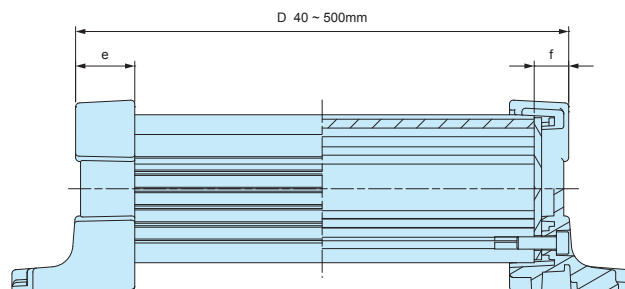
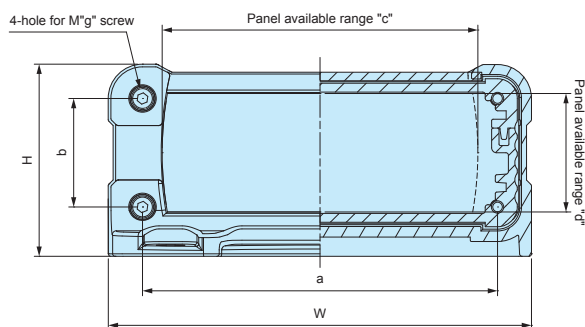
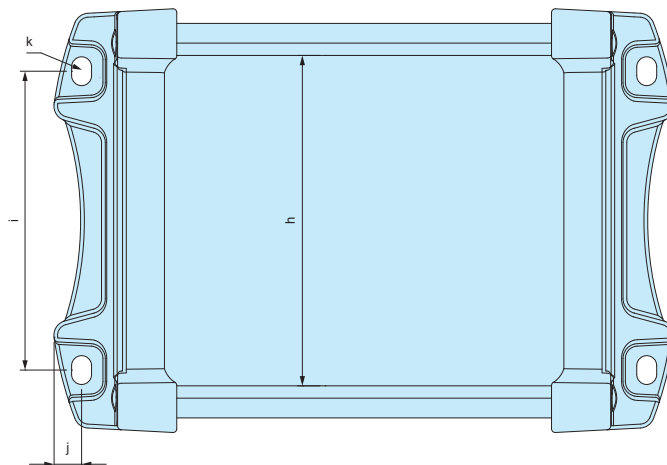
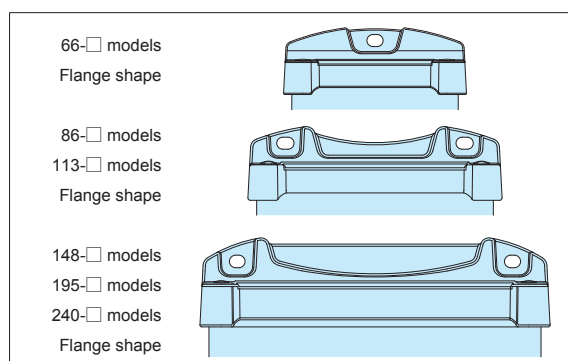
Visit the EXPFS product page on our website, click on the "CUSTOM SIZE WEB QUOTATION" button, and fill in the required details.

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




IP65 IP54

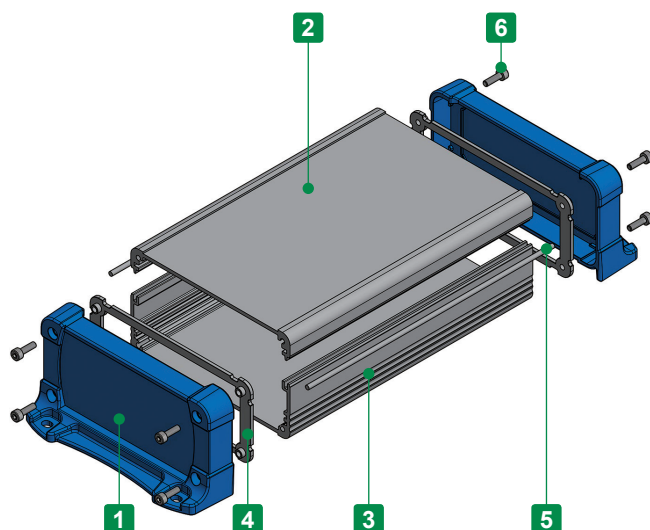
Technical Data

Protection class : IP65 / IP54 *Protection class varies by size.

■ Not suitable for environments with direct rainfall.

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

Operating temperature: -10°C ~ +60°C



- IP65 / IP54 is made possible by the sealing of between Top/ Bottom covers and flanged panels with gaskets.
- Selectable in 22 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 flanged panel colors.

Included screws

EXWFS66-□, 86-□ models : M2.5-8 x 8 pcs

EXWFS113-□, 148-□ models : M3-10 x 8 pcs

EXWFS195-□ models : M4-12 x 8 pcs

EXWFS240-□, 298-□ models : M5-12 x 8 pcs

※Hexagonal wrench included.

Components

No.	Part name	Pcs	Material	Color / Finish
1	Flanged 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 • EPDM sponge	Black
5	Cover gasket	2	Silicone sponge	White gray
6	Screw (Hexagonal)	8	Stainless steel	Unfinished
—	O-ring	8	NBR	Black

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

■ Panel gasket material : Silicone : EXWFS66-□ ~ 148-□ models • EPDM sponge : EXWFS195-□ ~ 298-□ models.

■ O-ring is only available for EXWFS195-□, 240-□, and 298-□ models.

Lead Time

Custom Size Only
Custom Size + Hole Milling

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

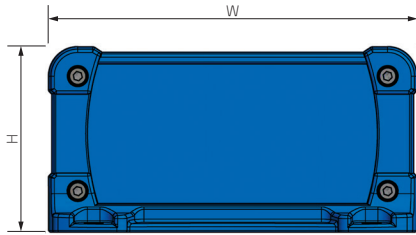
Order Inquiry

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

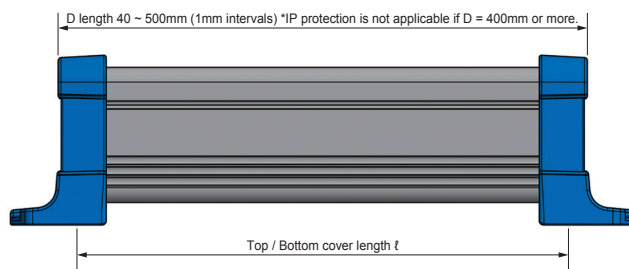


W-H No.	IP Code	W	H
66- 34	IP65	66	34
66- 44	IP65	66	44
66- 59	IP65	66	59
86- 39	IP65	86	39
86- 49	IP65	86	49
86- 64	IP65	86	64
113- 42	IP65	113	41.5
113- 57	IP65	113	56.5
113- 72	IP65	113	71.5
148- 47	IP65	148	47
148- 62	IP65	148	62

W-H No.	IP Code	W	H
148- 82	IP65	148	82
148-102	IP65	148	102
195- 57	IP54	195	57
195- 75	IP54	195	75
195- 95	IP54	195	95
195-120	IP54	195	120
240- 65	IP54	240	65
240- 90	IP54	240	90
240-115	IP54	240	115
NEW 298- 93	IP54	298	93
NEW 298-143	IP54	298	143

■ Protection class varies by size.

D length



W-H No.	ℓ
66-□	D-11
86-□	D-12
113-□	D-13
148-□	D-13
195-□	D-18
240-□	D-18
298-□	D-19

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

1 W-H

1 D length 2 Color code

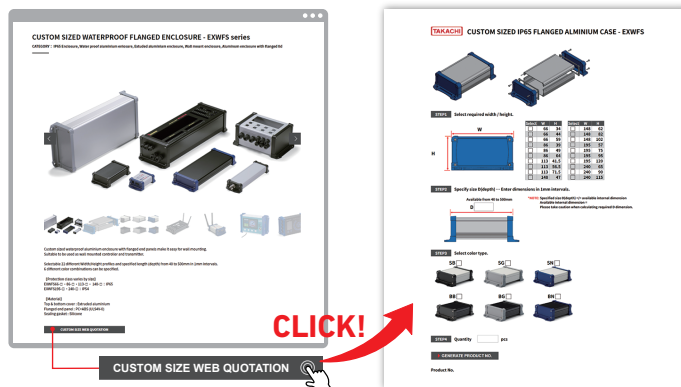
Numbering example: W-H:113-57 x D:345 and SN color code → **EXWFS113-57-345SN**

CUSTOM SIZE WEB QUOTATION

Send your inquiry via our online form now!

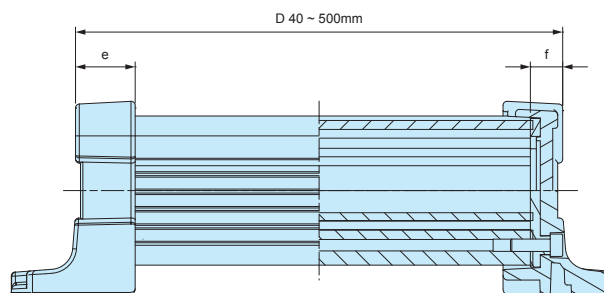
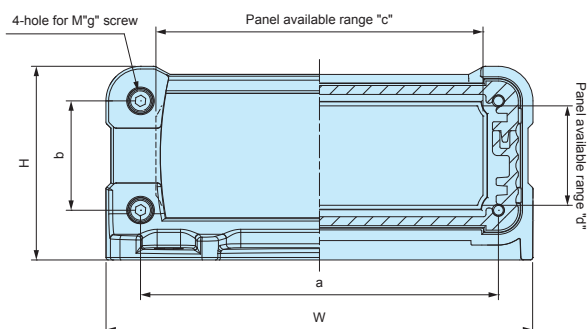
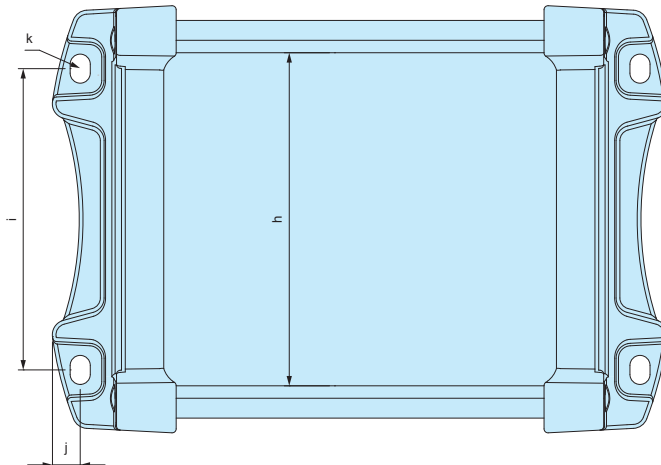
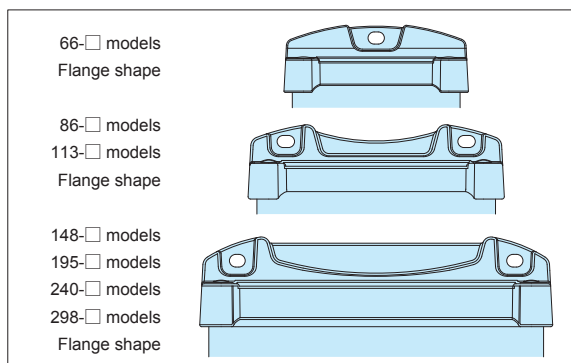
Visit the EXWFS product page on our website, click on the "CUSTOM SIZE WEB QUOTATION" button, and fill in the required details.

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!

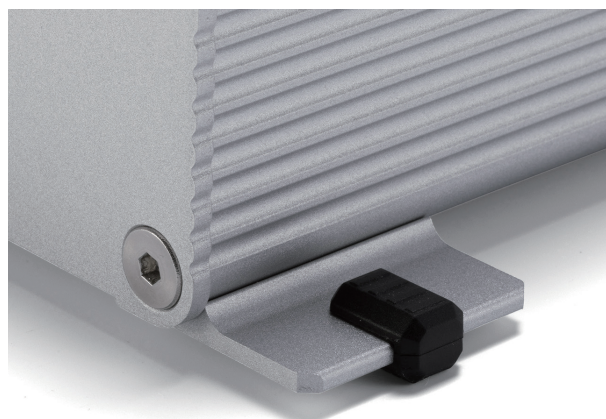
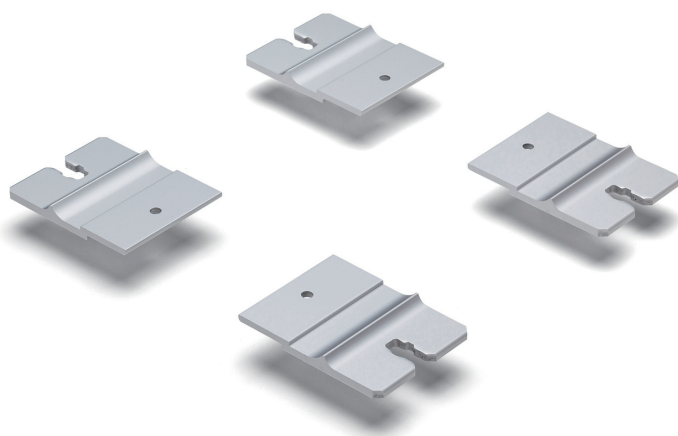


EXWFS dimensions

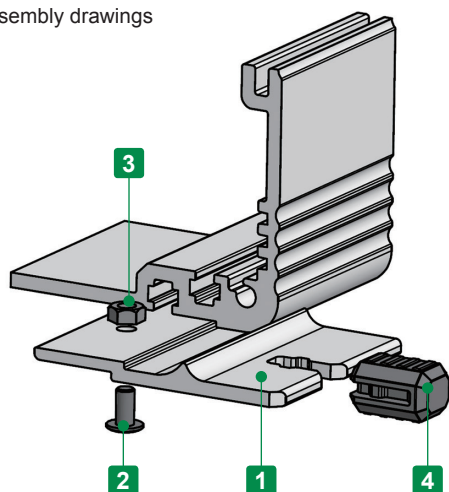
■ DXF/DWG/PDF drawings available on our website.



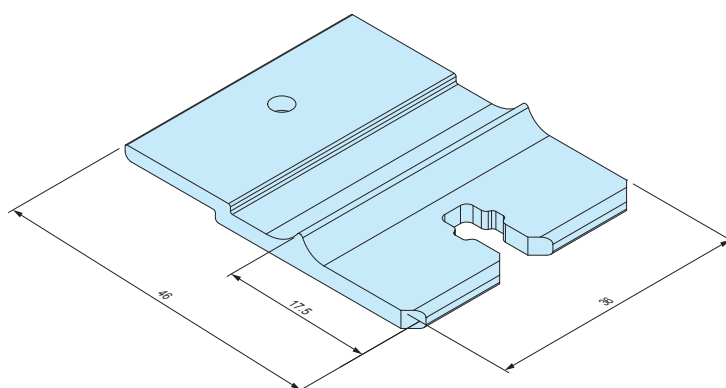
Product no.	W	H	a	b	c	d	e	f	g	h	i	j	k
EXWFS 66- 34-□	66	34	52	17	46	16	12	5.5	2.5	47	—	4.5	4.5×6
EXWFS 66- 44-□	66	44	52	27	46	24	12	5.5	2.5	47	—	4.5	4.5×6
EXWFS 66- 59-□	66	59	52	42	46	41	12	5.5	2.5	47	—	4.5	4.5×6
EXWFS 86- 39-□	86	39	72	22	65.8	20	12	6	2.5	67	60.6	5.6	4.2×6
EXWFS 86- 49-□	86	49	72	32	65.8	30	12	6	2.5	67	60.6	5.6	4.2×6
EXWFS 86- 64-□	86	64	72	47	65.8	45	12	6	2.5	67	60.6	5.6	4.2×6
EXWFS113- 42-□	113	41.5	95	20	89.6	18	16	6.5	3	89	85.2	7.4	4.6×6
EXWFS113- 57-□	113	56.5	95	35	89.6	33	16	6.5	3	89	85.2	7.4	4.6×6
EXWFS113- 72-□	113	71.5	95	50	89.6	48	16	6.5	3	89	85.2	7.4	4.6×6
EXWFS148- 47-□	148	47	130	25	103.4	18.2	18	6.5	3	124	116.2	9.9	5.5×7
EXWFS148- 62-□	148	62	130	40	103.4	33.2	18	6.5	3	124	116.2	9.9	5.5×7
EXWFS148- 82-□	148	82	130	60	103.4	53.2	18	6.5	3	124	116.2	9.9	5.5×7
EXWFS148-102-□	148	102	130	80	103.4	73.2	18	6.5	3	124	116.2	9.9	5.5×7
EXWFS195- 57-□	195	57	173	30	124.5	27.5	20	9	4	162	160	12	6.5×8.5
EXWFS195- 75-□	195	75	173	48	124.5	45.5	20	9	4	162	160	12	6.5×8.5
EXWFS195- 95-□	195	95	173	68	124.5	65.5	20	9	4	162	160	12	6.5×8.5
EXWFS195-120-□	195	120	173	93	124.5	90.5	20	9	4	162	160	12	6.5×8.5
EXWFS240- 65-□	240	65	218	38	166	33.5	23	9	5	207	205	12	6.5×8.5
EXWFS240- 90-□	240	90	218	63	166	58.5	23	9	5	207	205	12	6.5×8.5
EXWFS240-115-□	240	115	218	88	166	83.5	23	9	5	207	205	12	6.5×8.5
EXWFS298- 93-□	298	93	272	62	218	56.5	27	9.5	5	262	263	12	6.5×8.5
EXWFS298-143-□	298	143	272	112	218	106	27	9.5	5	262	263	12	6.5×8.5

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.

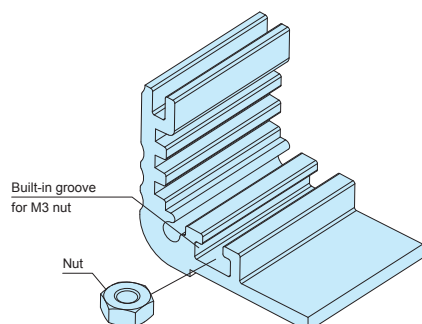
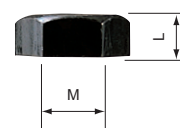
Components

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.