

EN series IP68

Hinged enclosure with stainless draw latches



IP68 : Immersion in
1 meter of water for 1 hour

TECHNICAL INFORMATION

防水箱技術數據

PROPERTY / 特性	ABS	PC/ABS	Polycarbonate 聚碳酸酯(PC)
Ingress protection 防護等級 (IEC 60529)	IP 68	IP 68	IP 68
Impact protection 撞擊防護等級	IK 08	IK 08	IK 08 / 10
Color 標準顏色	Light gray / 淺灰 (RAL 7035)	Light gray / 淺灰 (RAL 7035)	Transparency / 無色透明
Temperature 溫度範圍	-40°C ~ + 60°C	-40°C ~ + 80°C	-40°C ~ + 80°C (up to 100°C @ 1 HR)
RTI. Elec. / Imp. / Str.	Max. + 60°C / + 60°C / + 60°C	Max. + 85°C / + 85°C / + 85°C	Max. + 125°C / +115°C / +125°C
Flammability 防火等級	UL 94-HB	UL 94 V-0, 5VB	UL 94 V-0
UV resistance 抗紫外線			UL746C (f1), ΔE5.8@1000h
Salt spray 鹽霧測試(IEC 60068-2-52)			Pass (1344 HR)
Insulation 絕緣	回 完全絕緣	回 完全絕緣	回 完全絕緣
Non-toxic products 無毒產品	Halogen free 無鹵素	Halogen free 無鹵素	Halogen free 無鹵素
Gasket material 密封圈材質	Polyurethane foam / 聚氨酯	Polyurethane foam / 聚氨酯	Polyurethane foam / 聚氨酯

AG		AT		PG		PT	
Body	Cover	Body	Cover	Body	Cover	Body	Cover
ABS	ABS	ABS	PC	PC/ABS	PC/ABS	PC/ABS	PC
Gray	Gray	Gray	Transparent	Gray	Gray	Gray	Transparent



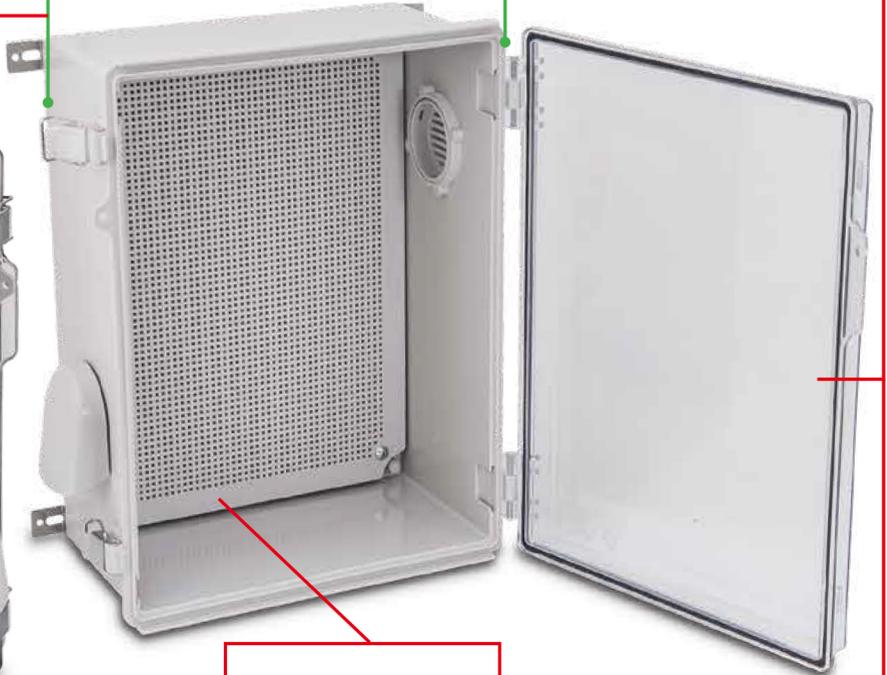


ENK-50/60
(optional)

Draw latch
SUS 304

Hinge pin
SUS 304

K-50 S/L
(optional)



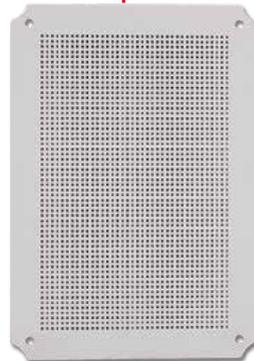
Bracket (SUS 304)
B40 / B50 / B60



Ventilator
VH-60
(optional)



Steel mounting
Plates(RoHS)



Plastic mounting
Plates

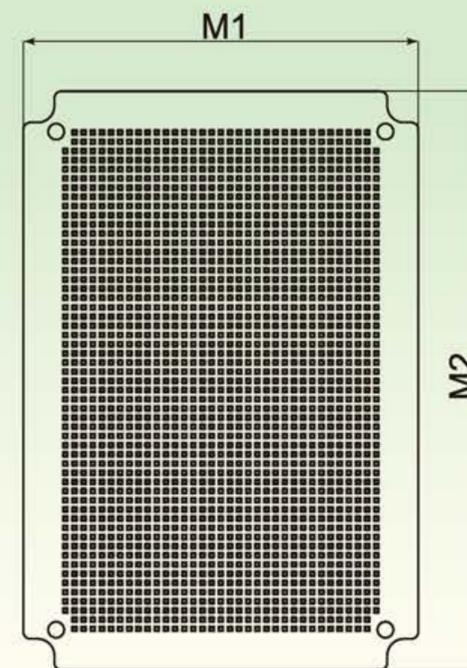
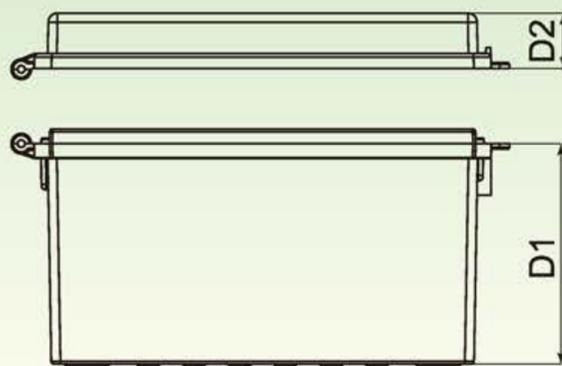
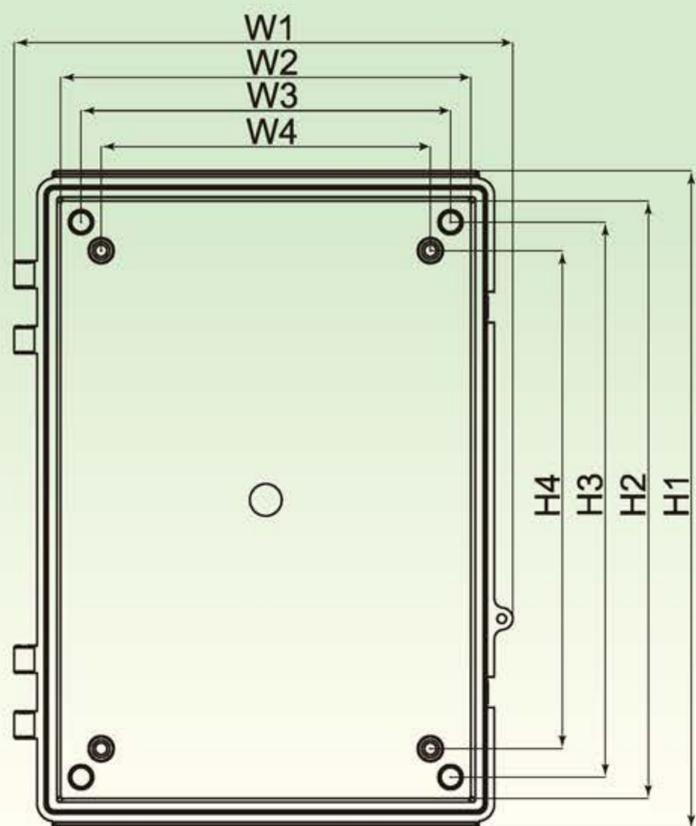
(optional)



K-30 L
(optional)



— Standard
— Option



Dimensions (mm)

Tolerance: ±1.0mm

Model	W x H x D	W1	W2	W3	W4	H1	H2	H3	H4	D1	D2	Steel Plate		Plastic Plate	
												M1	M2	M1	M2
EN-□□-101507	100 x 150 x 70	117	78.2	60	0	159	128.6	110	99.5	50	20	65	116	68.5	119
EN-□□-101508	100 x 150 x 85	117	78.2	60	0	159	128.6	110	99.5	65	20	65	116	68.5	119
EN-□□-131508	135 x 155 x 85	152.1	112.7	95	0	163.5	133.1	115	110	65	20	108.8	129	109	129
EN-□□-131808	135 x 185 x 85	152.1	112.7	95	0	193.5	163.1	145	140	65	20	100.9	157.6	109	159
EN-□□-131810	135 x 185 x 100	152.1	112.2	95	0	193.5	162.6	145	140	80	20	100.9	157.6	109	159
EN-□□-151509	150 x 150 x 90	167.1	127.4	115	0	158.5	127.4	115	110	70	20	124.9	124.2	123	123
EN-□□-151512	150 x 150 x 120	167.1	126.3	115	0	158.5	126.3	115	110	100	20	124.9	124.2	123	123
EN-□□-162110	163 x 210 x 100	180.1	140.2	120	0	218.5	187.8	170	160	75	25	136	183	135	185
EN-□□-162113	163 x 210 x 130	180.1	139.1	120	0	218.5	186.7	170	160	105	25	136	183	135	185
EN-□□-162610	160 x 260 x 100	177.1	137.2	120	0	268.5	237.8	220	210	75	25	134	234	135	235
EN-□□-162613	160 x 260 x 130	177.1	136.1	120	0	268.5	236.7	220	210	105	25	134	234	135	235
EN-□□-172211	173 x 220 x 110	190.1	149.6	132	0	228.5	197.6	182	160	80	30	136	183	135	185
EN-□□-172711	170 x 270 x 110	187.1	146.6	132	0	278.5	247.6	232	210	80	30	134	234	135	235
EN-□□-212110	210 x 210 x 100	227.1	187.2	170	0	218.5	187.8	170	160	75	25	179	179	179	179
EN-□□-212113	210 x 210 x 130	227.1	186.1	170	0	218.5	186.7	170	160	105	25	179	179	179	179
EN-□□-192810	190 x 280 x 100	207.1	167	148	120	288.5	258	238	210	70	30	161	251.5	161	252
EN-□□-192814	190 x 280 x 140	207.1	165.6	148	120	288.5	256.6	238	210	110	30	161	251.5	161	252
EN-□□-291910	286 x 190 x 100	303	263	250	210	198.5	168	153	120	70	30	161	251.5	161	252
EN-□□-203013	200 x 300 x 131	222.5	175.9	152	129	308	275.9	252	226	101	30	166.5	266	166	266
EN-□□-203015	200 x 300 x 151	222.5	175.2	152	129	308	275.2	252	226	121	30	166.5	266	166	266
EN-□□-203018	200 x 300 x 181	222.5	174.2	152	129	308	274.2	252	226	151	30	166.5	266	166	266
EN-□□-302015	300 x 200 x 150	320	274	252	226	208	176	152	129	120	30	166.5	266	166	266
EN-□□-302018	300 x 200 x 180	320	273	252	226	208	175	152	129	150	30	166.5	266	166	266
EN-□□-253515	250 x 350 x 150	272.5	225.3	202	180	358	325.3	302	271	120	30	216	315	216	315
EN-□□-253518	250 x 350 x 180	272.5	223.2	202	180	358	324.2	302	271	150	30	216	315	216	315
EN-□□-282813	280 x 280 x 130	302.5	255.5	238	210	288	255.5	238	210	100	30	251	251.5	249	249
EN-□□-283813	280 x 380 x 130	302.5	355.9	238	210	388	355.9	338	310	100	30	252	353.2	248	347.5
EN-□□-303015	300 x 300 x 150	322.5	275.3	252	219	308	275.3	252	219	120	30	262	262	262	262
EN-□□-303018	300 x 300 x 180	322.5	273.2	252	219	308	274.2	252	219	150	30	262	262	262	262
EN-□□-304012	300 x 400 x 120	324.7	275.3	252	223.4	408	376.1	352	323.4	89.5	31	265.2	362.3	268	368
EN-□□-304015	300 x 400 x 150	324.7	275	252	223.4	408	375	352	323.4	119.5	31	265.2	362.3	268	368
EN-□□-304018	300 x 400 x 180	324.7	274	252	223.4	408	374	352	323.4	149.5	31	265.2	362.3	268	368
EN-□□-403015	400 x 300 x 150	430.5	374.3	352	322	316.4	274.3	252	227	120	30	265.2	362.3	268	368
EN-□□-403018	400 x 200 x 180	430.5	373.2	352	322	317.2	271	252	227	150	30	265.2	362.3	268	368
EN-□□-353515	350 x 350 x 150	372.5	324.3	302	270	358	324.3	302	270	120	30	313.5	313.5	314	314
EN-□□-353518	350 x 350 x 180	372.5	323.2	302	270	358	323.2	302	270	150	30	313.5	313.5	314	314
EN-□□-354512	350 x 450 x 120	376.5	323.8	300	274	461	425.3	400	365	90	30	305.7	406.3	306	407
EN-□□-354516	350 x 450 x 160	376.5	323.9	300	274	461	423.9	400	365	130	30	305.7	406.3	306	407
EN-□□-354520	350 x 450 x 200	376.5	320.5	300	274	461	422.5	400	365	170	30	305.7	406.3	306	407
EN-□□-405016	400 x 500 x 160	427.5	371.9	352	328	511	473.9	452	428	130	30	362.5	463	358	458
EN-□□-405020	400 x 500 x 200	427.5	370.5	352	328	511	472.5	452	428	170	30	362.5	463	358	458
EN-□□-504020	500 x 400 x 200	542.5	472.5	452	428	427	372.5	352	328	170	30	362	462.5	358	458
EN-□□-406018	415 x 615 x 180	442.5	371.9	352	328	626	571.9	552	525	150	30	350.7	550.5	358	556
EN-□□-406023	415 x 615 x 230	442.5	370.1	352	328	626	570.1	552	525	200	30	350.7	550.5	358	556
EN-□□-506018	530 x 630 x 185	557.5	486.8	462	426	641	586.8	562	526	150	35	469.6	551.5	460	560
EN-□□-506025	530 x 630 x 255	557.5	484.4	462	426	641	584.4	562	526	220	35	469.6	551.5	460	560
EN-□□-507018	530 x 730 x 185	557.5	486.9	462	426	741	686.9	662	626	150	35	469.6	652	460	660
EN-□□-507025	530 x 730 x 255	557.5	484.4	462	426	741	684.4	662	626	220	35	469.6	652	460	660

EN series models

Dimensions W x H x D (Cover included)	AG		AT		PG		PT		Mounting bracket	Mounting plate		Draw latch with lock
	Body ABS	Cover ABS	Body ABS	Cover PC	Body PC+ABS	Cover PC+ABS	Body PC+ABS	Cover PC		Steel	Plastic	
	Gray cover		Transparent cover		Gray cover		Transparent cover			1.6mm	> 3mm	
100 x 150 x 70	EN-AG-101507		EN-AT-101507		EN-PG-101507		EN-PT-101507	B40.00 / PB30.00	M0813	0813 PL	—	
100 x 150 x 85	EN-AG-101508		EN-AT-101508		EN-PG-101508		EN-PT-101508		M1015	1015 PL		
135 x 155 x 80	EN-AG-131508		EN-AT-131508		EN-PG-131508		EN-PT-131508		M1315	1315 PL		
135 x 185 x 80	EN-AG-131808		EN-AT-131808		EN-PG-131808		EN-PT-131808		M1217	1217 PL		
135 x 185 x 100	EN-AG-131810		EN-AT-131810		EN-PG-131810		EN-PT-131810		M1217	1217 PL		
150 x 150 x 90	EN-AG-151509		EN-AT-151509		EN-PG-151509		EN-PT-151509		M1515	1515 PL		
150 x 150 x 120	EN-AG-151512		EN-AT-151512		EN-PG-151512		EN-PT-151512		M1515	1515 PL		
160 x 210 x 100	EN-AG-162110		EN-AT-162110		EN-PG-162110		EN-PT-162110		M1520	1520 PL		
160 x 210 x 130	EN-AG-162113		EN-AT-162113		EN-PG-162113		EN-PT-162113		M1520	1520 PL		
160 x 260 x 100	EN-AG-162610		EN-AT-162610		EN-PG-162610		EN-PT-162610		M1525	1525 PL		
160 x 260 x 130	EN-AG-162613		EN-AT-162613		EN-PG-162613		EN-PT-162613		M1525	1525 PL		
170 x 220 x 110	EN-AG-172211		EN-AT-172211		EN-PG-172211		EN-PT-172211		M1520	1520 PL		
170 x 270 x 110	EN-AG-172711		EN-AT-172711		EN-PG-172711		EN-PT-172711		M1525	1525 PL		
210 x 210 x 100	EN-AG-212110		EN-AT-212110		EN-PG-212110		EN-PT-212110		M2121	2020 PL		
210 x 210 x 130	EN-AG-212113		EN-AT-212113		EN-PG-212113		EN-PT-212113		M2121	2020 PL		
190 x 280 x 100	EN-AG-192810		EN-AT-192810		EN-PG-192810		EN-PT-192810		M1928	1928 PL		
190 x 280 x 140	EN-AG-192814		EN-AT-192814		EN-PG-192814		EN-PT-192814		M1928	1928 PL		
200 x 300 x 130	EN-AG-203013		EN-AT-203013		EN-PG-203013		EN-PT-203013	M2030	2030 PL			
200 x 300 x 150	EN-AG-203015		EN-AT-203015		EN-PG-203015		EN-PT-203015	M2030	2030 PL			
200 x 300 x 180	EN-AG-203018		EN-AT-203018		EN-PG-203018		EN-PT-203018	M2030	2030 PL			
250 x 350 x 150	EN-AG-253515		EN-AT-253515		EN-PG-253515		EN-PT-253515	M2535	2535 PL			
250 x 350 x 180	EN-AG-253518		EN-AT-253518		EN-PG-253518		EN-PT-253518	M2535	2535 PL			
280 x 280 x 130	EN-AG-282813		EN-AT-282813		EN-PG-282813		EN-PT-282813	M2828	2828 PL			
280 x 380 x 130	EN-AG-283813		EN-AT-283813		EN-PG-283813		EN-PT-283813	M2838	2838 PL			
300 x 300 x 150	EN-AG-303015		EN-AT-303015		EN-PG-303015		EN-PT-303015	M3030	3030 PL			
300 x 300 x 180	EN-AG-303018		EN-AT-303018		EN-PG-303018		EN-PT-303018	M3030	3030 PL			
300 x 400 x 120	EN-AG-304012		EN-AT-304012		EN-PG-304012		EN-PT-304012	M3040	3040 PL			
300 x 400 x 150	EN-AG-304015		EN-AT-304015		EN-PG-304015		EN-PT-304015	M3040	3040 PL			
300 x 400 x 180	EN-AG-304018		EN-AT-304018		EN-PG-304018		EN-PT-304018	M3040	3040 PL			
350 x 350 x 150	EN-AG-353515		EN-AT-353515		EN-PG-353515		EN-PT-353515	M3535	3535 PL			
350 x 350 x 180	EN-AG-353518		EN-AT-353518		EN-PG-353518		EN-PT-353518	M3535	3535 PL			
350 x 450 x 120	EN-AG-354512		EN-AT-354512		EN-PG-354512		EN-PT-354512	M3545	3545 PL			
350 x 450 x 160	EN-AG-354516		EN-AT-354516		EN-PG-354516		EN-PT-354516	M3545	3545 PL			
350 x 450 x 200	EN-AG-354520		EN-AT-354520		EN-PG-354520		EN-PT-354520	M3545	3545 PL			
400 x 500 x 160	EN-AG-405016		EN-AT-405016		EN-PG-405016		EN-PT-405016	M4050	4050 PL			
400 x 500 x 200	EN-AG-405020		EN-AT-405020		EN-PG-405020		EN-PT-405020	M4050	4050 PL			
400 x 600 x 180	EN-AG-406018		EN-AT-406018		EN-PG-406018		EN-PT-406018	M4060	4060 PL			
400 x 600 x 230	EN-AG-406023		EN-AT-406023		EN-PG-406023		EN-PT-406023	M4060	4060 PL			
530 x 630 x 185	EN-AG-506018		EN-AT-506018		EN-PG-506018		EN-PT-506018	M5060	5060 PL			
530 x 630 x 255	EN-AG-506025		EN-AT-506025		EN-PG-506025		EN-PT-506025	M5060	5060 PL			
530 x 730 x 185	EN-AG-507018		EN-AT-507018		EN-PG-507018		EN-PT-507018	M5070	5070 PL			
530 x 730 x 255	EN-AG-507025		EN-AT-507025		EN-PG-507025		EN-PT-507025	M5070	5070 PL			

Mounting bracket


■B60



■B50



■B40



■PB30.00

Draw latch

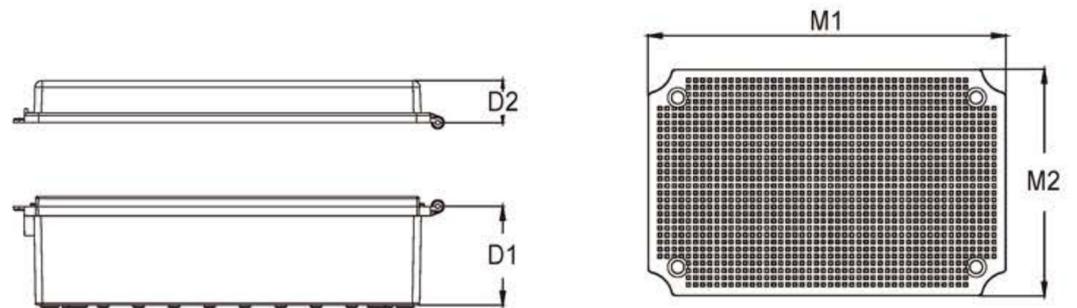
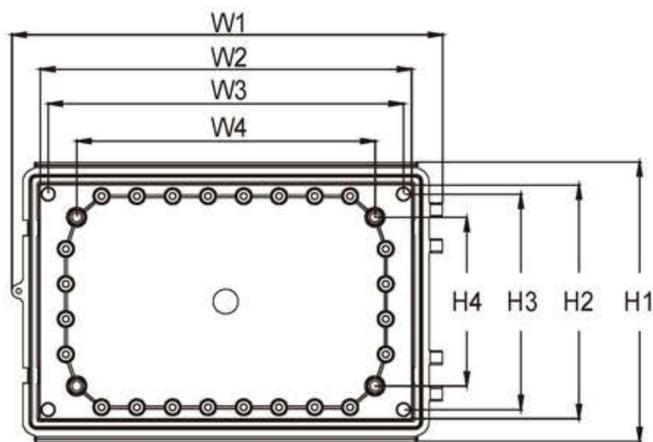
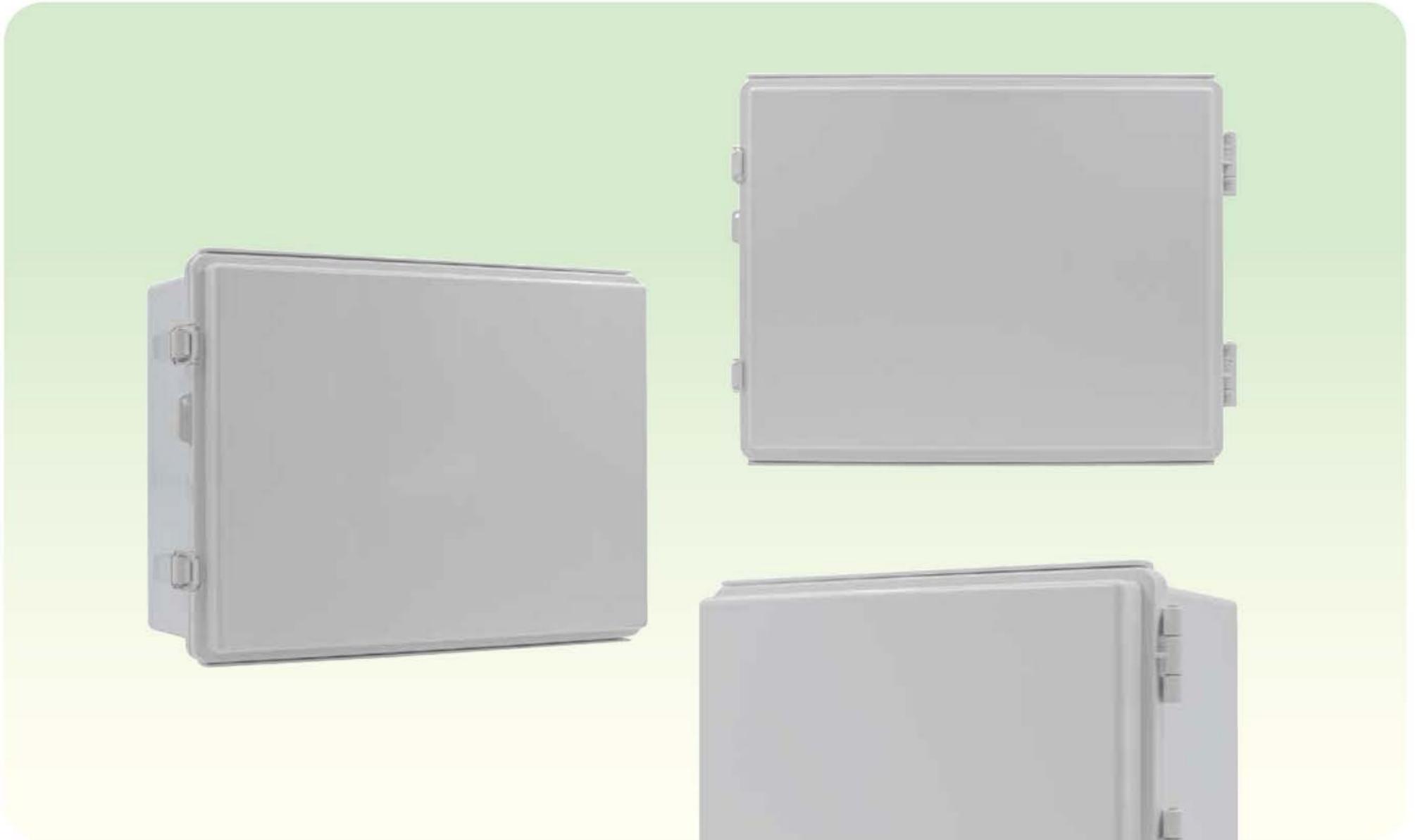
 ■EN-L60
EN-406018 ~ EN-608028

 ■EN-L50
EN-203013 ~ EN-405020

 ■EN-L40
EN-101507 ~ EN-192814

 ■ENK-50
ENK-60

Horizontal Enclosures



Option 選配

Dimensions W x H x D (Cover included)	AG		AT		PG		PT		Mounting bracket	Mounting plate		Draw latch with lock
	Body ABS	Cover ABS	Body ABS	Cover PC	Body PC+ABS	Cover PC+ABS	Body PC+ABS	Cover PC		Steel	Plastic	
	Gray cover		Transparent cover		Gray cover		Transparent cover			1.6mm	> 3mm	
286 x 190 x 100	EN-AG-291910		EN-AT-291910		EN-PG-291910		EN-PT-291910		B50.00	M1928	1928 PL	—
300 x 200 x 150	EN-AG-302015		EN-AT-302015		EN-PG-302015		EN-PT-302015		B50.00	M2030	2030 PL	ENK-50
300 x 200 x 180	EN-AG-302018		EN-AT-302018		EN-PG-302018		EN-PT-302018			M2030	2030 PL	
400 x 300 x 150	EN-AG-403015		EN-AT-403015		EN-PG-403015		EN-PT-403015			M3040	3040 PL	
400 x 300 x 180	EN-AG-403018		EN-AT-403018		EN-PG-403018		EN-PT-403018			M3040	3040 PL	
500 x 400 x 200	EN-AG-504020		EN-AT-504020		EN-PG-504020		EN-PT-504020		B60.00	M4050	4050 PL	ENK-60