

S-Series (Small)

Screw Bolt Type Small Size Plastic Enclosures

- Lift off screw cover & smooth side walls
- UL Listed (UL508A): Ref.# E343339 (polycarbonate models)
- Meets IP66/67, NEMA 4X/6 specifications
- Fiberglass reinforced polycarbonate base
- Excellent UV resistance (polycarbonate models)

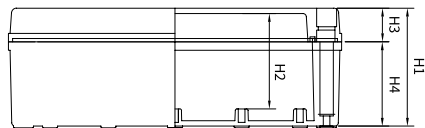
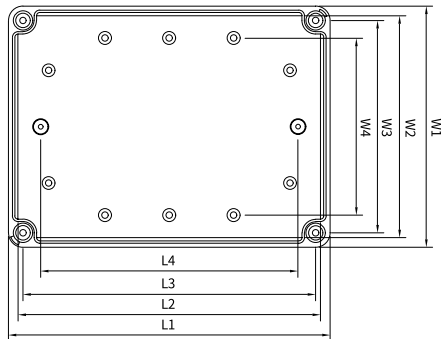


Specifications

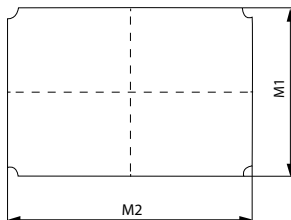
Protection Level	Dust/Water proof: IP66/67, NEMA 4X/6 Impact test: IK07/08
Certification	UL508A(PC), CE, TUV, RoHS
Temperature range	ABS: -40°C to 70°C (-40°F to 158°F) PC: -40°C to 110°C (-40°F to 230°F)
Flammability Rating	ABS: UL94-HB PC: UL94-V-0, 5VA, 94-HB

* The base of Polycarbonate model contains 10% glass fiber for reinforcement

Dimensions



BACK PANEL



Accessories

CBG28- (for ABS)
CBB28- (for PC)



Enclosure Sizes						Back* Panel (M1xM2)
Outside Dimensions				Inside Dimensions		
Size (W1xL1xH1)		Cover (H3)	Base (H4)	Size (W2xL2xH2)		
mm	inch	mm	mm	mm	inch	mm
50x65x45	1.97x2.56x1.77	15	30	42x57x33	1.65x2.24x1.30	(40x55)
50x65x55	1.97x2.56x2.17	15	40	42x57x43	1.65x2.24x1.69	(40x55)
65x95x55	2.56x3.74x2.17	15	40	55x85x41	2.17x3.35x1.61	(54x84)
75x105x55	2.95x4.13x2.17	15	40	65x95x42	2.56x3.74x1.65	(65x93)
80x80x60	3.15x3.15x2.36	15	45	70x70x47	2.76x2.76x1.85	(68x68)
80x110x45	3.15x4.33x1.77	20	25	70x100x32	2.76x3.94x1.26	65x95
80x110x70	3.15x4.33x2.76	20	50	70x103x57	2.76x4.06x2.24	65x95
80x110x85	3.15x4.33x3.35	20	65	70x103x72	2.76x4.06x2.83	65x95
80x110x100	3.15x4.33x3.94	35	65	70x103x87	2.76x4.06x3.43	65x95
80x130x70	3.15x5.12x2.76	20	50	70x123x57	2.76x4.84x2.24	65x115
80x130x85	3.15x5.12x3.35	35	50	70x123x72	2.76x4.84x2.83	65x115
82x162x55	3.23x6.38x2.17	15	40	75x155x42	2.95x6.10x1.65	68x148
82x162x85	3.23x6.38x3.35	15	70	75x155x72	2.95x6.10x2.83	68x148
80x180x70	3.15x7.09x2.76	20	50	69x169x57	2.72x6.65x2.24	65x165
80x180x85	3.15x7.09x3.35	35	50	69x169x72	2.72x6.65x2.83	65x165
80x200x70	3.15x7.87x2.76	20	50	67x189x56	2.64x7.44x2.20	185x65
80x250x70	3.15x9.84x2.76	20	50	67x235x56	2.64x9.25x2.20	65x235
80x250x85	3.15x9.84x3.35	35	50	67x235x72	2.64x9.25x2.83	65x235
100x100x75	3.94x3.94x2.95	20	55	88x88x62	3.46x3.46x2.44	82x82
100x100x100	3.94x3.94x3.94	20	80	88x88x87	3.46x3.46x3.43	82x82
100x185x70	3.94x7.28x2.76	15	54	92x177x56	3.62x6.97x2.20	(80x164)
100x200x70	3.94x7.87x2.76	15	54	89x189x56	3.50x7.44x2.20	77x176
100x230x70	3.94x9.06x2.76	15	54	89x219x56	3.50x8.62x2.20	(80x210)
100x270x80	3.94x10.63x3.15	20	60	88x258x73	3.46x10.63x2.87	.
110x310x80	4.33x12.21x3.15	20	60	98x298x73	3.86x11.73x2.87	.
125x125x75	4.92x4.92x2.95	20	55	114x114x61	4.49x4.49x2.40	107x107
125x125x100	4.92x4.92x3.94	20	80	113x113x86	4.45x4.45x3.39	107x107
125x175x75	4.92x6.89x2.95	25	49	118x165x61	4.65x6.50x2.40	110x160
125x175x100	4.92x6.89x3.94	50	49	118x165x86	4.65x6.50x3.39	110x160
140x170x95	5.51x6.69x3.74	20	75	135x165x82	5.31x6.50x3.23	126x156
140x230x95	5.51x9.06x3.74	20	75	132x222x82	5.20x8.74x3.23	123x212
150x150x75	5.91x5.91x2.95	20	55	144x144x62	5.67x5.67x2.44	123x123
150x150x100	5.91x5.91x3.94	20	80	144x144x87	5.67x5.67x3.43	123x123
150x200x45	5.91x7.87x1.77	20	25	140x190x32	5.51x7.48x1.26	129x179
150x200x75	5.91x7.87x2.95	20	55	138x188x62	5.43x7.40x2.44	129x179
150x200x100	5.91x7.87x3.94	20	79	138x188x86	5.43x7.40x3.39	129x179
150x200x130	5.91x7.87x5.12	20	109	138x188x116	5.43x7.40x4.57	129x179
150x200x160	5.91x7.87x6.30	50	110	138x188x146	5.43x7.40x5.75	129x179
150x250x100	5.91x9.84x3.94	20	80	138x238x87	5.43x9.37x3.43	129x229
150x250x130	5.91x9.84x5.12	50	80	140x240x117	5.51x9.45x4.61	129x229
160x160x70	6.30x6.30x2.76	15	54	151x151x56	5.94x5.94x2.20	144x144
200x200x100	7.87x7.87x3.94	20	80	188x188x87	7.40x7.40x3.43	179x179
200x200x130	7.87x7.87x5.12	20	110	188x188x117	7.40x7.40x4.61	179x179
200x200x160	7.87x7.87x6.30	20	140	187x187x147	7.36x7.36x5.79	179x179
200x200x190	7.87x7.87x7.48	50	140	186x186x177	7.32x7.32x6.97	179x179
210x230x100	8.27x9.06x3.94	20	80	197x217x87	7.76x8.54x3.43	(196x216)

* The sizes are based on plastic back panels. The bracketed sizes are for steel back panels.

Size and Part Numbers

SIZE		MODELS				Back Panels		Mounting Bracket
W1 * L 1* H 1		ABS		Polycarbonate (UL 508A)				
mm	inch	Gray cover	Transparent cover	Gray cover	Transparent cover	Steel 1.6mm +	Plastic 3mm +	
50×65×45	1.97×2.56×1.77	BC-AGS-050604	BC-ATS-050604	BC-CGS-050604	BC-CTS-050604	BC-0506ST	X	None
50×65×55	1.97×2.56×2.17	BC-AGS-050605	BC-ATS-050605	BC-CGS-050605	BC-CTS-050605	BC-0506ST	X	
65×95×55	2.56×3.74×2.17	BC-AGS-060905	BC-ATS-060905	BC-CGS-060905	BC-CTS-060905	BC-0609ST	X	
75×105×55	2.95×4.13×2.17	BC-AGS-071005	BC-ATS-071005	BC-CGS-071005	BC-CTS-071005	BC-0710ST	X	BC- B40
80×80×60	3.15×3.15×2.36	BC-AGS-080806	BC-ATS-080806	BC-CGS-080806	BC-CTS-080806	BC-0808ST	X	
80×110×45	3.15×4.33×1.77	BC-AGS-081104	BC-ATS-081104	BC-CGS-081104	BC-CTS-081104	BC-0811ST	BC-0811P	
80×110×70	3.15×4.33×2.76	BC-AGS-081107	BC-ATS-081107	BC-CGS-081107	BC-CTS-081107	BC-0811ST	BC-0811P	
80×110×85	3.15×4.33×3.35	BC-AGS-081108	BC-ATS-081108	BC-CGS-081108	BC-CTS-081108	BC-0811ST	BC-0811P	
80×110×100	3.15×4.33×3.94	BC-AGS-081110	BC-ATS-081110	BC-CGS-081110	BC-CTS-081110	BC-0811ST	BC-0811P	
80×130×70	3.15×5.12×2.76	BC-AGS-081307	BC-ATS-081307	BC-CGS-081307	BC-CTS-081307	BC-0813ST	BC-0813P	
80×130×85	3.15×5.12×3.35	BC-AGS-081308	BC-ATS-081308	BC-CGS-081308	BC-CTS-081308	BC-0813ST	BC-0813P	
82×162×55	3.23×6.38×2.17	BC-AGS-081605	BC-ATS-081605	BC-CGS-081605	BC-CTS-081605	BC-0816ST	BC-0816P	
82×162×85	3.23×6.38×3.35	BC-AGS-081608	BC-ATS-081608	BC-CGS-081608	BC-CTS-081608	BC-0816ST	BC-0816P	
80×180×70	3.15×7.09×2.76	BC-AGS-081807	BC-ATS-081807	BC-CGS-081807	BC-CTS-081807	BC-0818ST	BC-0818P	
80×180×85	3.15×7.09×3.35	BC-AGS-081808	BC-ATS-081808	BC-CGS-081808	BC-CTS-081808	BC-0818ST	BC-0818P	
80x200x70	3.15×7.87×2.76	BC-AGS-082007	BC-ATS-082007	BC-CGS-082007	BC-CGS-082007	BC-0820ST	X	
80×250×70	3.15×9.84×2.76	BC-AGS-082507	BC-ATS-082507	BC-CGS-082507	BC-CTS-082507	BC-0825ST	BC-0825P	
80×250×85	3.15×9.84×3.35	BC-AGS-082508	BC-ATS-082508	BC-CGS-082508	BC-CTS-082508	BC-0825ST	BC-0825P	
100×100×75	3.94×3.94×2.95	BC-AGS-101007	BC-ATS-101007	BC-CGS-101007	BC-CTS-101007	BC-1010ST	BC-1010P	
100×100×100	3.94×3.94×3.94	BC-AGS-101010	BC-ATS-101010	BC-CGS-101010	BC-CTS-101010	BC-1010ST	BC-1010P	
100×185×70	3.94×7.28×2.76	BC-AGS-101807	BC-ATS-101807	BC-CGS-101807	BC-CTS-101807	BC-1018ST	X	
100×200×70	3.94×7.87×2.76	BC-AGS-102007	BC-ATS-102007	BC-CGS-102007	BC-CTS-102007	BC-1020ST	BC-1020P	
100×230×70	3.94×9.06×2.76	BC-AGS-102307	BC-ATS-102307	BC-CGS-102307	BC-CTS-102307	BC-1023ST	X	
100x270x80	3.94×10.63×3.15	BC-AGU-102708	BC-ATU-102708	BC-CGU-102708	BC-CTU-102708	X	X	
110x310x80	4.33×12.21×3.15	BC-AGU-113108	BC-ATU-113108	BC-CGU-113108	BC-CTU-113108	X	X	
125×125×75	4.92×4.92×2.95	BC-AGS-121207	BC-ATS-121207	BC-CGS-121207	BC-CTS-121207	BC-1212ST	BC-1212P	
125×125×100	4.92×4.92×3.94	BC-AGS-121210	BC-ATS-121210	BC-CGS-121210	BC-CTS-121210	BC-1212ST	BC-1212P	
125×175×75	4.92×6.89×2.95	BC-AGS-121707	BC-ATS-121707	BC-CGS-121707	BC-CTS-121707	BC-1217ST	BC-1217P	
125×175×100	4.92×6.89×3.94	BC-AGS-121710	BC-ATS-121710	BC-CGS-121710	BC-CTS-121710	BC-1217ST	BC-1217P	
140×170×95	5.51×6.69×3.74	BC-AGS-141709	BC-ATS-141709	BC-CGS-141709	BC-CTS-141709	BC-1417ST	BC-1417P	
140×230×95	5.51×9.06×3.74	BC-AGS-142309	BC-ATS-142309	BC-CGS-142309	BC-CTS-142309	BC-1423ST	BC-1423P	
150×150×75	5.91×5.91×2.95	BC-AGS-151507	BC-ATS-151507	BC-CGS-151507	BC-CTS-151507	BC-1515ST	BC-1515P	
150×150×100	5.91×5.91×3.94	BC-AGS-151510	BC-ATS-151510	BC-CGS-151510	BC-CTS-151510	BC-1515ST	BC-1515P	
150x200x45	5.91×7.87×1.77	BC-AGS-152004	BC-ATS-152004	BC-CGS-152004	BC-CTS-152004	BC-1520ST	BC-1520P	
150×200×75	5.91×7.87×2.95	BC-AGS-152007	BC-ATS-152007	BC-CGS-152007	BC-CTS-152007	BC-1520ST	BC-1520P	
150×200×100	5.91×7.87×3.94	BC-AGS-152010	BC-ATS-152010	BC-CGS-152010	BC-CTS-152010	BC-1520ST	BC-1520P	
150×200×130	5.91×7.87×5.12	BC-AGS-152013	BC-ATS-152013	BC-CGS-152013	BC-CTS-152013	BC-1520ST	BC-1520P	
150x200x160	5.91×7.87×6.30	BC-AGS-152016	BC-ATS-152016	BC-CGS-152016	BC-CTS-152016	BC-1520ST	BC-1520P	
150×250×100	5.91×9.84×3.94	BC-AGS-152510	BC-ATS-152510	BC-CGS-152510	BC-CTS-152510	BC-1525ST	BC-1525P	
150×250×130	5.91×9.84×5.12	BC-AGS-152513	BC-ATS-152513	BC-CGS-152513	BC-CTS-152513	BC-1525ST	BC-1525P	
160×160×70	6.30×6.30×2.76	BC-AGS-161607	BC-ATS-161607	BC-CGS-161607	BC-CTS-161607	BC-1616ST	BC-1616P	
200×200×100	7.87×7.87×3.94	BC-AGS-202010	BC-ATS-202010	BC-CGS-202010	BC-CTS-202010	BC-2020ST	BC-2020P	
200×200×130	7.87×7.87×5.12	BC-AGS-202013	BC-ATS-202013	BC-CGS-202013	BC-CTS-202013	BC-2020ST	BC-2020P	
200×200×160	7.87×7.87×6.30	BC-AGS-202016	BC-ATS-202016	BC-CGS-202016	BC-CTS-202016	BC-2020ST	BC-2020P	
200x200x190	7.87×7.87×7.48	BC-AGS-202019	BC-ATS-202019	BC-CGS-202019	BC-CTS-202019	BC-2020ST	BC-2020P	
210×230×100	8.27×9.06×3.94	BC-AGS-212310	BC-ATS-212310	BC-CGS-212310	BC-CTS-212310	BC-2123ST	X	

* U Type: Screw type enclosure. No inserts