



PolyStar® Series

Opaque Cover

PC CONFIGURATION
Hinged, latches



PC Construction

Material	Polycarbonate with UV inhibitors
Gasket Material	Neoprene rope style, Poured polyurethane seamless gasket on select sizes
Recessed Screws	No protruding surfaces
Stainless Steel Hardware	300 Series Stainless Steel
Mounting Bosses	Panel mounting capability for fixed rear panel
Metal Inserts	All threaded brass inserts accepting 10-32 screws
Side Mount Solutions	Variable height, any side mount capability
Hinge and Latch Material	Polycarbonate with UV inhibitors
Color	Available standard in RAL 7541C

PC Modifications

Custom Colors	pg. 21-22
Silk Screening	pg. 21-22
EMI/RFI Shielding	pg. 21-22
Custom Window	pg. 21-22
Custom Cutouts/Holes	pg. 21-22

PC Industry Standards

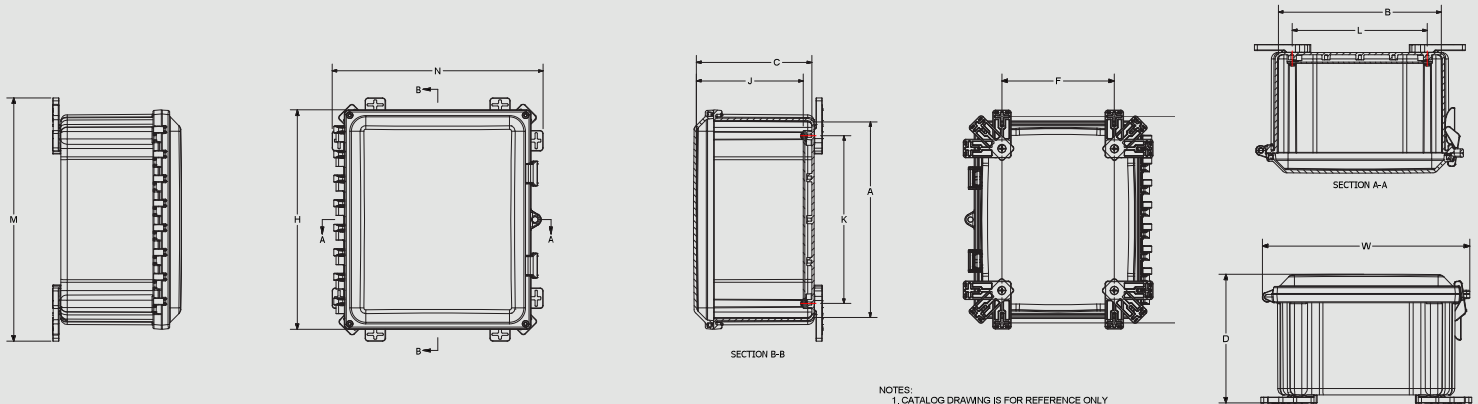
NEMA 250, cULus Listed UL50, UL50e, UL508A	UL Listed File: E319779 Type 1, 3R, 4, 4X, 6P, 12
IEC 60529	UL Listed File: E362920; IP66, IP68
Temperature Range	(-40°F to +248°F) (-40°C to +120°C)
Flammability Rating	UL94-5V0
Self Extinguishing	Non-halogenated, non-flame propagating
Chemical Resistance	Full chemical resistance charts listed in appendix
Outdoor UV Exposure	(f1) Rated

PC Accessories

BACK PANELS	Aluminum	BP__AL	pg. 174-175
	Fiberglass	BP__FG	pg. 174-175
	Carbon Steel	BP__CS	pg. 174-175
ACCESSORIES	Slot Nut Kit (includes two nuts & two screws)	PCSNK	pg. 30
	Swing Panel Mounts (4 per kit)	PCSPMK	pg. 30
	Latch Kit (2 PC latches per kit) – replacement only	PCLATCHKIT	pg. 30
	SS Latch Kit (2 – 316SS latches per kit) – replacement only	PCLATCHKITSS	pg. 30
	Accessory Kit (includes all screws, inserts, and mounting feet) – replacement only	PCACCESSORYKIT	pg. 30
KITS, ETC.	Swing Panel Kit (comes with mounts, screws and panel)	PC_SPK	pg. 30
	Din Rail		pg. 30
	Din Rail Kit		pg. 30
	Pole Mounting Kit		pg. 194



PolyStar® Series



NOTES:
 1. CATALOG DRAWING IS FOR REFERENCE ONLY
 2. SEE ACTUAL PART DRAWING FOR SPECIFIC DESIGN
 3. SOME SIZES HAVE (1) LATCH;
 SOME SIZES HAVE (2) LATCHES;
 SOME SIZES HAVE (4) LATCHES;
 SOME SIZES HAVE (6) LATCHES
 4. NOTE: J DIMENSION IS WITH (0.080" THK) BACK PANEL INSTALLED
 5. BACK PANEL IS SOLD SEPARATELY

SCREW SIZES & TORQUE VALUES

PRODUCT SIZES	BACK PANEL SCREW SIZE	BACK PANEL RECOMMENDED TORQUE	COVER SCREW SIZE	COVER SCREW RECOMMENDED TORQUE	MOUNTING FOOT SCREW SIZE	MOUNTING FOOT SCREW RECOMMENDED TORQUE	RECOMMENDED MOUNTING FLANGE TORQUE
All Sizes	#10-32 x 3/8	16 - 20 in-lbs	#10-32 x 5/8	20 - 24 in-lbs	1/4-20 x 1/2	10 - 14 in-lbs	25 - 30 in-lbs

PolyStar® Series – Opaque & Clear Cover

CATALOG NUMBER	OVERALL H X W X D	INSIDE A X B X C	MOUNTING HOR. E X F	MOUNTING VER. E X F	MOUNTING 45 E X F	J	K	L	M	N	SHIP WEIGHT	PANEL NUMBER
PC606 PC606CC	7.41 x 8.68 x 5.84 (188 x 223 x 148)	5.94 x 5.94 x 5.02 (151 x 151 x 127)	3.64 x 8.40 (93 x 213)	8.04 x 3.64 (204 x 93)	6.75 x 6.74 (171 x 171)	4.50 (114)	4.25 (108)	4.25 (108)	8.89 (226)	8.89 (226)	2.50 lbs.	BP66**
PC806 PC806CC	9.41 x 8.68 x 5.86 (239 x 223 x 149)	7.97 x 5.97 x 5.07 (202 x 152 x 129)	5.64 x 8.04 (143 x 213)	10.04 x 3.64 (255 x 93)	8.76 x 6.75 (223 x 171)	4.56 (116)	6.25 (159)	4.25 (108)	10.89 (277)	8.89 (226)	3.19 lbs.	BP86**
PC808 PC808CC	9.41 x 10.68 x 5.86 (239 x 271 x 149)	7.97 x 7.97 x 5.03 (202 x 202 x 128)	5.63 x 10.03 (143 x 255)	10.04 x 5.63 (255 x 143)	8.74 x 8.78 (222 x 223)	4.53 (115)	6.25 (159)	6.25 (159)	10.88 (277)	10.88 (277)	3.75 lbs.	BP88**
PC1008 PC1008CC	11.41 x 10.68 x 6.36 (290 x 271 x 161)	9.96 x 7.96 x 5.57 (253 x 202 x 142)	7.64 x 10.04 (194 x 255)	12.04 x 5.64 (306 x 143)	10.76 x 8.75 (273 x 222)	5.05 (128)	8.25 (210)	6.25 (159)	12.89 (327)	10.89 (277)	4.31 lbs.	BP108**
PC100806 PC100806CC	11.41 x 10.68 x 7.89 (209 x 271 x 200)	9.95 x 7.95 x 7.06 (253 x 202 x 179)	7.63 x 10.03 (194 x 255)	12.03 x 5.63 (306 x 143)	10.76 x 8.75 (273 x 222)	6.54 (166)	8.25 (210)	6.25 (159)	12.88 (327)	10.88 (277)	5.2 lbs.	BP108**
PC1010 PC1010CC	11.41 x 12.68 x 6.97 (209 x 322 x 177)	9.95 x 9.95 x 6.15 (253 x 253 x 156)	7.63 x 12.03 (194 x 306)	12.03 x 7.63 (306 x 194)	10.76 x 10.75 (273 x 273)	5.65 (144)	8.25 (210)	8.25 (210)	12.88 (327)	12.88 (327)	5.7 lbs.	BP1010**
PC1210 PC1210CC	13.40 x 12.68 x 7.86 (340 x 322 x 200)	11.95 x 9.95 x 7.07 (304 x 253 x 180)	9.64 x 12.04 (245 x 306)	14.04 x 7.64 (357 x 194)	12.76 x 10.75 (324 x 273)	6.56 (167)	10.25 (260)	8.25 (210)	14.89 (378)	12.89 (327)	6.19 lbs.	BP1210**
PC1412 PC1412CC	15.40 x 14.68 x 7.86 (391 x 373 x 200)	13.95 x 11.95 x 7.07 (354 x 304 x 180)	11.64 x 14.04 (296 x 357)	16.04 x 9.64 (407 x 245)	14.76 x 12.75 (375 x 324)	6.56 (167)	12.25 (311)	10.25 (260)	16.89 (429)	14.89 (378)	7.99 lbs.	BP1412**
PC1614 PC1614CC	17.65 x 16.68 x 9.98 (448 x 424 x 253)	15.93 x 13.93 x 9.20 (405 x 354 x 234)	13.64 x 16.04 (347 x 407)	18.04 x 11.64 (458 x 296)	16.76 x 14.75 (426 x 375)	8.68 (220)	14.25 (362)	12.25 (311)	18.89 (480)	16.89 (429)	10.00 lbs.	BP1614**
PC1816 PC1816CC	19.41 x 18.68 x 11.90 (493 x 474 x 302)	17.83 x 15.83 x 11.08 (453 x 402 x 281)	15.64 x 18.04 (397 x 458)	20.04 x 13.64 (509 x 347)	18.75 x 16.74 (476 x 425)	10.56 (268)	16.25 (413)	14.25 (362)	20.89 (531)	18.89 (480)	11.25 lbs.	BP1816**
PC181604* PC181604CC*	19.41 x 18.68 x 5.41 (493 x 474 x 137)	18.16 x 16.16 x 5.08 (461 x 410 x 129)	N/A	20.50 x 13.50 (521 x 343)	N/A	4.56 (116)	16.25 (413)	14.25 (362)	21.75 (552)	N/A	11.00 lbs.	BP1816**
PC2016 PC2016CC	21.41 x 18.68 x 9.97 (544 x 474 x 253)	19.86 x 15.86 x 9.15 (504 x 403 x 232)	18.75 x 19.17 (476 x 487)	23.15 x 14.75 (588 x 375)	21.91 x 17.87 (557 x 454)	8.65 (220)	18.25 (464)	14.25 (362)	24.00 (610)	20.02 (509)	14.00 lbs.	BP2016**
PC2424* PC2424CC*	25.41 x 26.68 x 11.41 (645 x 678 x 290)	23.91 x 23.91 x 11.88 (607 x 607 x 302)	N/A	25.69 x 18.00 (653 x 457)	N/A	10.56 (268)	22.25 (565)	22.25 (565)	26.69 (678)	21.86 (555)	23.60 lbs.	BP2424**

All measures are in inches, items in parentheses are in millimeters.



*Does not exhibit same mounting foot design. Mounting feet are molded into the box rather than installed separately.



**Panel sold separately

*** Available with stainless steel latches by placing SS at the end of the part number. Ex: PC1210SS