SunWize[®] Power & Battery Enclosure Data Sheet





Economy Battery Enclosures: E/C Series

Aluminum enclosures feature removable covers with stainless steel screws. NEMA3R rated, mill-finished metal enclosures with (2) rear ½" electrical knockouts and rear louver vents. E-series include (3) bottom ½" knockouts and an external mounting tab for 2" pipe U-bolts.

(E Series Enclosures – No Bracket Option) (C Series Enclosures – Economy Bracket Set – Sold Separately)

SWPB Part #	Model	Finish	Quantity x Battery Group	Locking Feature	H x W x D (inches)	Weight (lbs.)
<u>004141</u>	E1-38	Mill-finished	1 x GU1	N/A	11.3 x 9.1 x 5.9	4
<u>004158</u>	E1-63	Mill-finished	1 x G22	N/A	14.5 x 10.3 x 7.5	6
<u>004160</u>	C1-125	Mill-finished	1 x G31	Door lock hasp	17.0 x 16.0 x 9.5	12
<u>004142</u>	C2-250	Mill-finished	2 x G31	Door lock hasp	17.0 x 16.0 x 15.0	17
<u>004143</u>	C4-500	Mill-finished	4 x G31	Door lock hasp	32.0 x 16.0 x 15.0	25

C Series Bracket Accessory Options

SWPB Part#	Model	Finish	Description	H x W x D (inches)	Weight (lbs.)
<u>004387</u>	E-BKTSET	Mill-finished	Pole Mounting Bracket	2 x 2 x 13	2.0
<u>004373</u>	PD-MTGBKTSET	Mill-finished	Pad Mounting Bracket	1.6 x 1.6 x 20	4.0



Premium Battery Enclosure: F Series

Cost-effective solutions for housing one to four batteries (up to group size 31) with supporting equipment. NEMA3R rated, white power-coated or mill-finished aluminum enclosures feature hinged, key-lockable doors with dust covers on locks and gasketed door. Passive cooling ventilation. Two rear ½" electrical knockouts.

Brackets are sold separately.

SWPB Part #	Model	Finish	Quantity x Battery Group	Locking Feature	H x W x D (inches)	Weight (lbs.)
<u>004154</u>	F1	Powder-coated	1 x G31	Kovadlatch	20.0 × 16.0 × 0.4	25
004144*	F1	Mill-finished		Keyed latch	20.8 x 16.0 x 9.4	25
<u>004219</u>	F2	Powder-coated	2 x G31	Keyed latch	20.8 x 16.0 x 14.4	20
004319*	F2	Mill-finished	2 X GS I			30
<u>004222</u>	F4	Powder-coated	4 x G31	Keyed latch	32.0 x 16.0 x 15.4	40
004145*	F4	Mill-finished	4 X GS I			40
<u>014326</u>	F4	Powder-coated	4 × C 2 1			40
012436*	F4	Mill-finished	4 x G31	Keyed latch	26.0 x 20.0 x 20.0	40

F- Series Bracket Accessory Options

SWPB Part#	Model	Finish	Description	H x W x D (inches)	Weight (lbs.)
<u>004386</u>	F-BKTSET	Power-coated	Pole Mounting Bracket	2 x 2 x 13	2.0
<u>004373</u>	PD-MTGBKTSET	Mill-finished	Pad Mounting Bracket	1.6 x 1.6 x 20	4.0

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Premium Wide Battery Enclosures: WF Series Brackets are sold separately.

Wide battery enclosures to accommodate larger back panels for more support equipment. NEMA3R rated, white powder-coated or mill-finished aluminum enclosure feature hinged, key-lockable doors with dust covers. Passive cooling ventilation with bottom inlet vents and rear-louver outlet vents. The 9" deep cabinets feature: (4) bottom ½" electrical knockouts. The 16" deep cabinets feature: (2) rear ½" and (2) rear 1" electrical knockouts.

SWPB Part #	Model	Finish	Quantity x Battery Group	Locking Feature	H x W x D (inches)	Weight (lbs.)
<u>004199</u>	WF2	Powder-coated	$2 \times C 21$	Kovadlatch		26
004146*	WF2	Mill-finished	2 x G31	Keyed latch	27.0 x 30.0 x 9.0	36
<u>004138</u>	WF4	Powder-coated	4 × C 2 1	Kovadlatch	270 x 200 x 160	46
017146*	WF4	Mill-finished	4 x G31	Keyed latch	27.0 x 30.0 x 16.0	46

Bracket Accessory Options

SWPB Part#	Model	Finish	Description	H x W x D (inches)	Weight (lbs.)
<u>004386</u>	F-BKTSET	Power-coated	Pole Mounting Bracket	2 x 2 x 13	2.0
<u>004373</u>	PD-MTGBKTSET	Mill-finished	Pad Mounting Bracket	1.6 x 1.6 x 20	4.0



Premium Battery Enclosures: T Series

NEMA3R rated, white powder-coated or mill-finished aluminum enclosures feature hinged, pad-lockable lids. Locking hinge allows for service of equipment. Elevated skid feet, (2) left-side ½" electrical knockouts.

SWPB Part #	Model	Finish	Quantity x Battery Group	Locking Feature	H x W x D (inches)	Weight (lbs.)
<u>004230</u>	T-2X8D	Powder-coated	2 x 8D or 3 x 4D	Door lock hasp	31.3 x 23.8 x 20.5	55
<u>004140</u>	T-4X8D	Powder-coated	4 x 8D or 4 x 4D	Door lock hasp	48.3 x 23.8 x 20.5	75
<u>004233</u>	T-6X4D	Powder-coated	6 x 4D or 4 x 8D	Door lock hasp	48.3 x 30.3 x 20.5	100
<u>004234</u>	T-8X4D	Powder-coated	8 x 4D or 6 x 8D	Door lock hasp	48.3 x 40.3 x 20.5	125
<u>004139</u>	T-8X8D	Powder Coated	8 x 8D	Door lock hasp	48.3 x 46.0 x 20.5	150



Large Style Enclosures

Special order items large enough to accommodate your equipment. NEMA3R rated, white powder-coated aluminum enclosures feature hinged, key lockable doors with dust covers on locks and gasketed door. Passive cooling ventilation. Two rear ¹/₂" electrical knockouts.

SWPB Part #	Description	Finish	Opening	H x W x D (inches)
004137*	Inverter Enclosure	Powder-coated	Hinged, Front Door	60.0 x 48.0 x 16.0
014865*	Inverter Enclosure	Powder-coated	Hinged, Front Door	60.0 x 48.0 x 24.0
007750*	Inverter Enclosure	Powder-coated	Hinged, Front Door	60.0 x 48.0 x 32.0
004148*	Inverter Enclosure	Powder-coated	Hinged, Front Door	60.0 x 72.0 x 16.0
007749*	Battery Cabinet	Powder-coated	Hinged, Front Door	48.0 x 60.0 x 23.0
004315*	Battery Cabinet	Powder-coated	Hinged, Front Door	46.0 x 60.0 x 34.0
004310*	Battery Cabinet	Powder-coated	Hinged, Front Door	72.0 x 72.0 x 30.0
260004*	UPS Cabinet	Powder-coated	Hinged, Front Door	68.0 x 36.0 x 25.0



Battery Enclosure Mounting Accessories



Pole Mounting Brackets for F and C Series Enclosures

Aluminum brackets feature a slot design allowing use of 2" – 8" pipe diameter U-Bolts or band clamps, and a slot that allows up to 1" thick banding for large diameter pole mounting. Brackets feature tamper-resistant design and include stainless steel mounting hardware (U-bolts not included).

SWPB Part#	Model	Finish	Description	Dimensions H x W x D (inches)	Weight (lbs.)
<u>004386</u>	F-BKTSET	Power-coated	Premium	2 x 2 x 13	2.0
<u>004387</u>	E-BKTSET	Mill-finished	Economy	2 x 2 x 13	2.0



Pad Mounting Brackets for F and C Series Enclosures

Pre-cut aluminum channel allows the enclosure to be mounted to the ground without impeding door operation or ventilation. The kit includes (2) pre-cut and drilled struts and mounting hardware to mount the enclosure to the bracket. Pad mounting hardware not provided. The enclosure must be drilled to accept mounting hardware.

SWPB Part#	Model	Description	Dimensions H x W x D (inches)	Weight (lbs.)
<u>004373</u>	PD-MTGBKTSET	Pad Mounting Bracket	1.6 x 1.6 x 20	4.0



Interior Mounting Panels

Panels are made of 0.080" MIN brushed aluminum with mounting holes aligned for enclosure's interior studs. Rear panels can be purchased blank or with optional pre-drilled configuration for mounting of control equipment. F-HC-RP-B and F-HC-RP-D are universal fits, accommodating a G31 size battery or larger. F- HC-RSP models for use in F-series enclosures only.

SWPB Part#	Model	Description	Dimensions H x W (inches)	Weight (lbs.)
<u>004228</u>	F-HC-RP-B	Rear panel-blank	15.0 x 6.5	1.0
<u>004237</u>	F-HC-RP-D	Rear panel-drilled	15.0 x 6.5	1.0
<u>007871</u>	F-HC-RSP-1B	Right side-blank	8.75 x 3.75	1.0
<u>007872</u>	F-HC-RSP-2/4B	Right side-blank	9.5 x 6.25	0.5
<u>004135</u>	BC 45-60	Rear panel	15.0 x 7.5	1.0
<u>004198</u>	MP-T	T-series top panel-drilled	17.0 x 17.0	3.0
<u>007877</u>	WF-RP-D	Rear panel	24.0 x 16.0	2.5