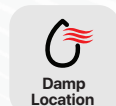


Emergency Batteries



EX-BA1-36W-V1 EX-BA3-275W-V1
 EX-BA2-72W-V1 EX-SBAU-140W-24V-V1
 EX-BA3-140W-V1 EX-SBAU-320W-24V-V1

Date:	Project:
Prepared for:	Type:
Comments:	



IP40



Specifications

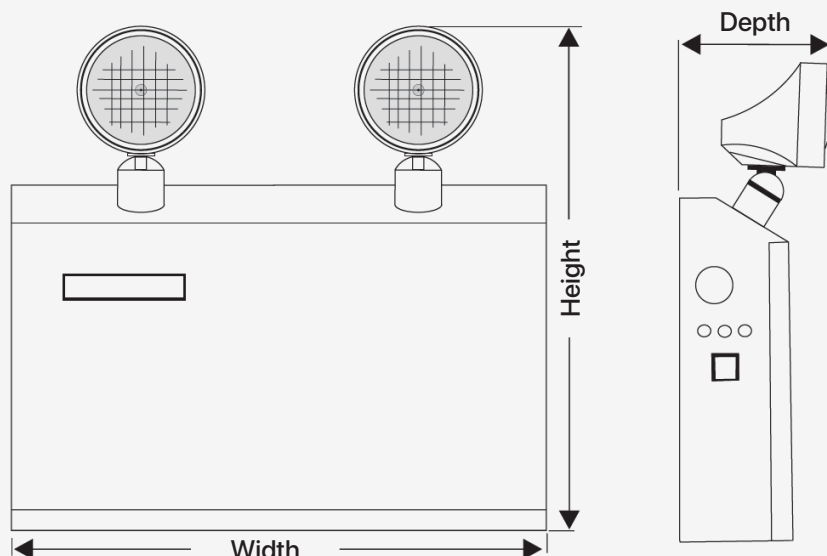
	EX-BA1-36W-V1	EX-BA2-72W-V1	EX-BA3-140W-V1	EX-BA3-275W-V1	EX-SBAU-140W-24V-V1	EX-SBAU-320W-24V-V1
Input voltage	120-347Vac	120/347Vac	120/347Vac	120/347Vac	120/347Vac	120/347Vac
Output voltage	6Vdc	12Vdc	12Vdc	12Vdc	24Vdc	24Vdc
Battery power	36W	72W	140W	275W	140W	320W
Battery Type & Capacity	Lead-Acid 6V-6Ah	Lead-Acid 12V-7Ah	Lead-Acid 12V-12Ah	Lead-Acid 12V-12Ah *2	Lead-Acid 12V-8Ah*2	Lead-Acid 12V-18Ah*2
Available output power	32W	68W	129W	265W	134W	310W
Recharge time	24h	24h	30h	35h	50h	50h
LED power	2 x 2W	2 x 2W	2 x 5W	2 x 5W	2 x 5W	2 x 5W
Lumens	2 x 160lm	2 x 160lm	2 x 360lm	2 x 360lm	2 x 375lm	2 x 375lm
Operating temperature	5°C to 30°C	5°C to 30°C	15°C to 35°C	15°C to 35°C	15°C to 35°C	15°C to 35°C
Environment	Damp Locations					
IP rating	IP40					
Build Material	Metal Body, Polycarbonate Lens					
Mounting	Surface-Mount					
Years of Warranty	Body 5 years - Battery 1 year.					
Certifications and Compliance	CSA	CSA	cUL	cUL	CSA	CSA



Emergency Batteries



EX-BA1-36W-V1 EX-BA3-275W-V1
 EX-BA2-72W-V1 EX-SBAU-140W-24V-V1
 EX-BA3-140W-V1 EX-SBAU-320W-24V-V1



Dimensions

EX-BA1-36W-V1	EX-BA2-72W-V1	EX-BA3-140W-V1	EX-BA3-275W-V1	EX-SBAU-140W-24V-V1	EX-SBAU-320W-24V-V1
W 11-13/16" (300mm)	W 12-3/16" (310mm)	W 13-1/2" (343mm)	W 15-1/4" (388mm)	W 13-15/16" (354mm)	W 16-3/8" (416mm)
H 9-1/16" (230mm)	H 8-1/4" (209mm)	H 12-1/2" (318mm)	H 13-11/16" (348mm)	H 13-3/8" (340mm)	H 16-3/4" (426mm)
D 3-15/16" (100mm)	D 3-15/16" (100mm)	D 4-3/16" (107mm)	D 4-3/16" (107mm)	D 3-1/8" (79mm)	D 3-11/16" (93mm)

Order information

Ordering Code	Input Voltage	Output Voltage	Battery Power	Battery Power After LED
EX-BA1-36W-V1	120-347Vac	6Vdc	36W	32W
EX-BA2-72W-V1	120/347Vac	12Vdc	72W	68W
EX-BA3-140W-V1		12Vdc	140W	129W
EX-BA3-275W-V1		12Vdc	275W	265W
EX-SBAU-140W-24V-V1		24Vdc	140W	134W
EX-SBAU-320W-24V-V1		24Vdc	320W	310W



Emergency Batteries



EX-BA1-36W-V1 EX-BA3-275W-V1
 EX-BA2-72W-V1 EX-SBAU-140W-24V-V1
 EX-BA3-140W-V1 EX-SBAU-320W-24V-V1

Power available depending on discharge time

Battery Unit	Volt/Watt	0.5H	1H	1.5H	2H	4H	Voltage/Capacity
EX-BA1-36W-V1	6V - 36W	36	18	13	9	4	6V-6Ah
EX-BA2-72W-V1	12V - 72W	72	36	27	18	9	12V-7Ah
EX-BA3-140W-V1	12V - 140W	140	70	47	35	17	12V-12Ah
EX-BA3-275W-V1	12V - 275W	275	137	91	68	34	12V-12Ah x 2
EX-SBAU-140W-24V-V1	24V - 144W	144	72	48	36	18	12V-8Ah x 2
EX-SBAU-320W-24V-V1	24V - 320W	320	160	107	80	40	12V-18Ah x 2

Maximum distance depending on caliber, battery, and load*

6V Battery

	Circuit length (in feet)													
Load	13W	18W	25W	30W	35W	50W	60W	75W	100W	150W	200W	250W	300W	400W
12AWG	41 ft	30 ft	21 ft	18 ft	15 ft	11 ft	9 ft	8 ft	6 ft	4 ft	-	-	-	-
10AWG	65 ft	47 ft	32 ft	28 ft	24 ft	17 ft	14 ft	11 ft	9 ft	6 ft	-	-	-	-
8AWG	110 ft	75 ft	54 ft	45 ft	39 ft	27 ft	22 ft	18 ft	14 ft	9 ft	7 ft	-	-	-
6AWG	165 ft	120 ft	86 ft	71 ft	62 ft	43 ft	36 ft	29 ft	22 ft	15 ft	11 ft	9 ft	-	-

12V Battery

	Circuit length (in feet)													
Load	13W	18W	25W	30W	35W	50W	60W	75W	100W	150W	200W	250W	300W	400W
12AWG	165 ft	110 ft	85 ft	71 ft	61 ft	42 ft	35 ft	29 ft	21 ft	14 ft	10 ft	8 ft	-	-
10AWG	260 ft	190 ft	136 ft	112 ft	97 ft	68 ft	52 ft	45 ft	34 ft	23 ft	17 ft	14 ft	11 ft	-
8AWG	415 ft	300 ft	215 ft	180 ft	154 ft	108 ft	90 ft	72 ft	54 ft	36 ft	27 ft	21 ft	18 ft	-
6AWG	660 ft	475 ft	340 ft	285 ft	245 ft	170 ft	140 ft	114 ft	86 ft	57 ft	43 ft	34 ft	28 ft	-
4AWG	1050 ft	760 ft	540 ft	455 ft	390 ft	275 ft	225 ft	182 ft	137 ft	91 ft	68 ft	55 ft	45 ft	-

24V Battery

	Circuit length (in feet)													
Load	13W	18W	25W	30W	35W	50W	60W	75W	100W	150W	200W	250W	300W	400W
12AWG	660 ft	440 ft	340 ft	284 ft	244 ft	168 ft	140 ft	116 ft	84 ft	56 ft	40 ft	32 ft	26 ft	21 ft
10AWG	1040 ft	760 ft	544 ft	448 ft	388 ft	272 ft	208 ft	180 ft	136 ft	92 ft	68 ft	52 ft	44 ft	34 ft
8AWG	1668 ft	1200 ft	860 ft	720 ft	616 ft	432 ft	360 ft	288 ft	216 ft	144 ft	108 ft	84 ft	72 ft	54 ft
6AWG	2640 ft	1900 ft	1360 ft	1140 ft	980 ft	680 ft	560 ft	456 ft	344 ft	228 ft	172 ft	136 ft	112 ft	85 ft
4AWG	4200 ft	3040 ft	2160 ft	1810 ft	1560 ft	1100 ft	900 ft	728 ft	548 ft	364 ft	272 ft	220 ft	180 ft	100 ft

*Per Canadian Electrical Code



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