

93E 15-80kVA External Battery Run Times September 2014

Model	15(13.5)		20(18)		30(27)		40(36)		60(54)		80(72)				
Load kVA	15		20		30		40		60		80				
Load kW	12	13.5	16	18	24	27	32	36	48	54	64	72	Cabinet	BATTERY	
Output PF	0.8	0.9	0.8	0.9	0.8	0.9	0.8	0.9	0.8	0.9	0.8	0.9	Type	CONFIGURATION	
AUTONOMY IN MINUTES	30	27	22	19	12	10	8	6					93EBCI110C36XXX	1 x 36 x PWHR12110W4FR	
	37	29	25	22	15	12	9	7					93EBCI110C40XXX	1 x 40 x PWHR12110W4FR	
	47	43	35	30	20	17	14	11	6				93EBCI150C36XXX	1 x 36 x PWHR12150W4FR	
	59	46	40	35	24	20	16	13	8	6			93EBCI150C40XXX	1 x 40 x PWHR12150W4FR	
	75	70	49	42	30	26	20	17	11	9	6		93EBCI200C36XXX	1 x 36 x PWHR12200W4FR	
	86	73	60	48	35	29	24	20	13	11	8	6	93EBCI200C40XXX	1 x 40 x PWHR12200W4FR	
	110	104	83	72	49	42	34	28	18	15	11	9	93EBCI280C36XXX	1 x 36 x PWHR12280W4FR	
	129	110	95	82	55	48	39	33	22	18	14	11	93EBCI280C40XXX	1 x 40 x PWHR12280W4FR	
	132	115	94	82	56	48	39	33	22	18	14	12	93EBCI320D36XXX	1 x 36 x MRX12320WFR	
	150	129	107	92	65	55	44	38	25	21	17	14	93EBCI320D40XXX	1 x 40 x MRX12320WFR	
					68	58	49	42	29	25	19	16	93EBCI390C36XXX	1 x 36 x PWHR12390W4FR	
					78	67	54	48	34	29	23	19	93EBCI390C40XXX	1 x 40 x PWHR12390W4FR	
					92	82	68	57	40	35	27	24	93EBCI500C36XXX	1 x 36 x PWHR12500W4FR	
					103	91	77	67	43	40	32	27	93EBCI500C40XXX	1 x 40 x PWHR12500W4FR	
					112	100	87	75	52	46	37	30	93EBCI620C36XXX	1 x 36 x XHRL12620WFR	
					125	110	95	85	59	52	42	36	93EBCI620C40XXX	1 x 40 x XHRL12620WFR	
		84	73	59	49	30	26	22	18	12	10	8	6	2 x 93EBCI110C36XXX	2 x 36 x PWHR12110W4FR
		92	81	68	56	37	30	25	21	14	12	9	7	2 x 93EBCI110C40XXX	2 x 40 x PWHR12110W4FR
		117	102	87	75	49	42	35	30	20	17	13	11	2 x 93EBCI150C36XXX	2 x 36 x PWHR12150W4FR
		133	113	96	84	59	47	40	34	24	19	16	13	2 x 93EBCI150C40XXX	2 x 40 x PWHR12150W4FR
		164	144	120	103	76	65	48	42	30	26	20	17	2 x 93EBCI200C36XXX	2 x 36 x PWHR12200W4FR
		180	159	135	116	85	75	60	48	35	29	24	20	2 x 93EBCI200C40XXX	2 x 40 x PWHR12200W4FR
						113	26	83	72	49	41	33	28	2 x 93EBCI280C36XXX	2 x 36 x PWHR12280W4FR
						128	111	94	81	55	48	38	33	2 x 93EBCI280C40XXX	2 x 40 x PWHR12280W4FR
						134	117	94	82	56	47	39	33	2 x 93EBCI320D36XXX	2 x 36 x MRX12320WFR
						150	132	108	93	65	55	44	38	2 x 93EBCI320D40XXX	2 x 40 x MRX12320WFR
						115	42	110	97	68	57	48	42	2 x 93EBCI390C36XXX	2 x 36 x PWHR12390W4FR
						173	154	127	109	78	67	54	48	2 x 93EBCI390C40XXX	2 x 40 x PWHR12390W4FR
						195	65	146	128	93	82	68	57	2 x 93EBCI500C36XXX	2 x 36 x PWHR12500W4FR
						222	192	164	144	103	91	77	66	2 x 93EBCI500C40XXX	2 x 40 x PWHR12500W4FR
					230	100	176	156	112	100	87	75	2 x 93EBCI620C36XXX	2 x 36 x XHRL12620WFR	
					250	227	197	174	125	110	95	85	2 x 93EBCI620C40XXX	2 x 40 x XHRL12620WFR	
											36	30	3 x 93EBCI200C36XXX	3 x 36 x PWHR12200W4FR	
											40	35	3 x 93EBCI200C40XXX	3 x 40 x PWHR12200W4FR	
											56	49	3 x 93EBCI280C36XXX	3 x 36 x PWHR12280W4FR	
											65	55	3 x 93EBCI280C40XXX	3 x 40 x PWHR12280W4FR	
											67	56	3 x 93EBCI320D36XXX	3 x 36 x MRX12320WFR	
											76	65	3 x 93EBCI320D40XXX	3 x 40 x MRX12320WFR	
											80	68	3 x 93EBCI390C36XXX	3 x 36 x PWHR12390W4FR	
											90	78	3 x 93EBCI390C40XXX	3 x 40 x PWHR12390W4FR	
											105	92	3 x 93EBCI500C36XXX	3 x 36 x PWHR12500W4FR	
											118	103	3 x 93EBCI500C40XXX	3 x 40 x PWHR12500W4FR	
											128	112	3 x 93EBCI620C36XXX	3 x 36 x XHRL12620WFR	
											145	125	3 x 93EBCI620C40XXX	3 x 40 x XHRL12620WFR	

Notes:

10 year design life batteries at 25°C, flame retardant container
 External battery cabinets cannot be paralleled with internal batteries.
 For 15kVA & 20kVA rating: Recommended battery breaker size- 50A
 For 30kVA & 40kVA rating: Recommended battery breaker size- 125A
 For 60kVA & 80kVA rating: Recommended battery breaker size- 200A
 For UPS ratings >80kVA, please refer to the battery breaker part number lookup tables.

Cabinet dimensions:

EBCI = 635W x 835D x 1872H
 EBCII = 1270W* x 835D x 1872H