

EZ SYSTEM BATTERY SOLUTIONS



24 and 48 Volt modular systems
incorporating front access batteries



CSL-1280

CSL-12100

CSL-12170

POWER 
Power for a World of Applications

EZ battery systems incorporate an innovative 24 and 48 volt modular design. They are available in sizes from 80 AH to 2040 AH and utilize Power Battery's CSL Series of front access Telecom batteries. EZ systems are designed and built to fit within a 23" telecom bay foot print and can be used independently or as an integrated part of a telecom power plant.

Features

- Front access CSL Series batteries.
- Multi string design for system redundancy.
- Stackable space saving modules.
- Well ventilated for increased thermal efficiency.
- Single point termination.
- Copper inter-unit busbars.
- Protective terminal covers.
- Seismic zone 4 up to four modules high.
- Module width fits into 23" relay racks.
- 10 gauge steel construction.
- Black powder baked finish.

System Specifications				Discharge Rates in amps @ 77°F (25°C)							
AH@ 8Hr	System * Model#	System Voltage	Final V.P.C.	1Hr	2Hrs	3Hrs	4Hrs	5Hrs	6Hrs	8Hrs	10Hrs
80	EZ-2480	24	1.85	54.1	32.0	23.1	18.0	14.9	12.7	9.85	8.07
			1.80	56.3	32.9	23.9	18.6	15.4	13.1	10.2	8.35
	EZ-4880	48	1.75	57.1	33.2	24.1	19.0	15.6	13.3	10.3	8.40
100	EZ-24100	24	1.85	61.2	36.6	24.9	20.8	16.1	14.7	11.5	9.40
			1.80	65.5	38.5	25.8	21.7	16.6	15.3	12.0	9.90
	EZ-48100	48	1.75	68.7	39.8	27.0	22.7	17.4	16.0	12.5	10.3
160	EZ-24160	24	1.85	108	64.0	46.2	36.0	29.8	25.4	19.8	16.2
			1.80	112	65.8	47.8	37.2	30.8	26.2	20.4	16.8
	EZ-48160	48	1.75	114	66.4	48.2	38.0	31.2	26.6	20.6	16.8
170	EZ-24170	24	1.85	109	64.0	45.7	35.8	29.6	25.4	19.7	16.1
			1.80	114	67.0	47.9	37.3	30.8	26.3	20.5	16.7
	EZ-48170	48	1.75	117	68.1	48.8	38.4	31.8	27.2	21.3	17.4
200	EZ-24200	24	1.85	122	73.2	49.8	41.6	32.2	29.4	23.0	18.8
			1.80	121	77.0	51.6	43.4	33.2	30.6	24.0	19.8
	EZ-48200	48	1.75	137	79.6	54.0	45.4	34.8	32.0	25.0	20.6
240	EZ-24240	24	1.85	162	96.0	69.3	54.0	44.7	38.1	29.7	24.3
			1.80	168	98.7	71.7	55.8	46.2	39.3	30.6	25.2
	EZ-48240	48	1.75	171	99.6	72.3	57.0	46.8	39.9	30.9	25.2
300	EZ-24300	24	1.85	183	109	74.7	62.4	48.3	44.1	34.5	28.2
			1.80	196	115	77.4	65.1	49.8	45.9	36.0	29.7
	EZ-48300	48	1.75	206	118	81.0	68.1	52.2	48.0	37.5	30.9
320	EZ-24320	24	1.85	216	128	92.4	72.0	59.6	50.8	39.6	32.4
			1.80	225	131	95.6	74.4	61.6	52.4	40.8	33.6
	EZ-48320	48	1.75	228	132	96.4	76.0	62.4	53.2	41.2	33.6
340	EZ-24340	24	1.85	218	128	91.4	71.6	59.2	50.8	39.4	32.2
			1.80	228	134	95.8	74.6	61.6	52.6	41.0	33.4
	EZ-48340	48	1.75	234	136	97.6	76.8	63.6	54.4	42.6	34.8
400	EZ-24400	24	1.85	244	146	99.6	83.2	64.4	58.8	46.0	37.6
			1.80	262	154	103	86.8	66.4	61.2	48.0	39.6
	EZ-48400	48	1.75	274	159	108	90.8	69.6	64.0	50.0	41.2
500	EZ-24500	24	1.85	306	183	124	104	80.5	73.5	57.5	47.0
			1.80	327	192	129	108	83.0	76.5	60.0	49.5
	EZ-48500	48	1.75	343	199	135	113	87.0	80.0	62.5	51.5
510	EZ-24510	24	1.85	327	192	137	107	88.8	78.2	59.1	48.3
			1.80	342	201	143	111	92.4	78.9	61.5	50.1
	EZ-48510	48	1.75	351	204	146	115	95.4	81.6	63.9	52.2
600	EZ-24600	24	1.85	367	219	149	124	96.6	88.2	69.0	56.7
			1.80	393	231	154	130	99.6	91.8	72.0	59.4
	EZ-48600	48	1.75	412	238	162	136	104	96.0	75.0	61.8
680	EZ-24680	24	1.85	436	256	182	143	118	101	78.8	64.4
			1.80	456	268	191	149	123	105	82.0	66.8
	EZ-48680	48	1.75	468	272	195	153	127	108	85.2	69.6
850	EZ-24850	24	1.85	545	320	228	179	148	127	98.5	80.5
			1.80	570	335	239	186	154	131	102	83.5
	EZ-48850	48	1.75	585	340	244	192	159	136	106	87.0
1020	EZ-241020	24	1.85	654	384	274	214	177	152	118	96.6
			1.80	684	402	287	223	184	157	123	100
	EZ-481020	48	1.75	702	408	292	230	190	163	127	104
1360	EZ-241360	24	1.85	876	512	365	286	236	203	157	128
			1.80	918	536	383	298	246	210	164	133
	EZ-481360	48	1.75	940	544	390	307	254	217	170	139
1700	EZ-241700	24	1.85	1096	640	457	358	296	254	197	161
			1.80	1148	670	479	373	308	263	205	167
	EZ-481700	48	1.75	1175	681	488	384	318	272	213	174
2040	EZ-242040	24	1.85	1315	768	548	429	355	304	236	193
			1.80	1377	804	574	447	369	315	246	200
	EZ-482040	48	1.75	1410	817	565	461	382	326	255	208

* When ordering on EZ system, include the discharge time in hours as a suffix to the system model number.

Example: "EZ-48600-4" denotes a 48 Volt, 600AH system with a 4 hour discharge.

24 VOLT EZ BATTERY SYSTEMS

System specifications		Dimensions				Weight	System configuration				
Model	AH @ 8hr	(inches)					Battery	No. of	No. of racks		Busbar ***
Number	to 1.75 VPC	Width	Depth	H1 *	H2 *	lbs	Model	batteries	EZ1	EZ2	assembly
EZ-2480	80	20.3	23.7	12.0	-	200	CSL-1280	2	0	1	Optional
EZ-24100	100	20.3	23.7	12.0	-	220	CSL-12100	2	0	1	Optional
EZ-24160	160	20.3	23.7	12.0	-	348	CSL-1280	4	0	1	Optional
EZ-24170	170	20.3	23.7	12.0	-	356	CSL-12170	2	0	1	Optional
EZ-24200	200	20.3	23.7	12.0	-	388	CSL-12100	4	0	1	Optional
EZ-24240	240	20.3	23.7	22.5	30.5	545	CSL-1280	6	1	0	Included
EZ-24300	300	20.3	23.7	22.5	30.5	603	CSL-12100	6	1	0	Included
EZ-24320	320	20.3	23.7	22.5	30.5	693	CSL-1280	8	1	0	Included
EZ-24340	340	20.3	23.7	22.5	-	709	CSL-12170	4	1	0	Optional
EZ-24400	400	20.3	23.7	22.5	30.5	773	CSL-12100	8	1	0	Included
EZ-24500	500	20.3	23.7	34.5	42.5	993	CSL-12100	10	1	1	Included
EZ-24510	510	20.3	23.7	34.5	42.5	1065	CSL-12170	6	1	1	Included
EZ-24600	600	20.3	23.7	34.5	42.5	1161	CSL-12100	12	1	1	Included
EZ-24680	680	20.3	23.7	45.0	53.0	1418	CSL-12170	8	2	0	Included
EZ-24850	850	20.3	23.7	57.5	65.0	1774	CSL-12170	10	2	1	Included
EZ-241020	1020	20.3	23.7	67.5	75.5	2127	CSL-12170	12	3	0	Included
EZ-241360	1360	2 x 20.3**	23.7	45.5	53.0	2836	CSL-12170	16	4	0	Included
EZ-241700	1700	2 x 20.3**	23.7	67.5	67.5	3545	CSL-12170	20	5	0	Included
EZ-242040	2040	2 x 20.3**	23.7	67.5	75.5	4254	CSL-12170	24	6	0	Included

48 VOLT EZ BATTERY SYSTEMS

EZ-4880	80	20.3	23.7	12.0	-	348	CSL-1280	4	0	1	Optional
EZ-48100	100	20.3	23.7	12.0	-	452	CSL-12100	4	0	1	Optional
EZ-48160	160	20.3	23.7	22.5	-	693	CSL-1280	8	1	0	Optional
EZ-48170	170	20.3	23.7	22.5	-	709	CSL-12170	4	1	0	Optional
EZ-48200	200	20.3	23.7	22.5	-	901	CSL-12100	8	1	0	Optional
EZ-48240	240	20.3	23.7	34.5	42.5	1041	CSL-1280	12	1	1	Included
EZ-48300	300	20.3	23.7	34.5	42.5	1353	CSL-12100	12	1	1	Included
EZ-48320	320	20.3	23.7	45.0	53.0	1386	CSL-1280	16	2	0	Included
EZ-48340	340	20.3	23.7	45.0	-	1418	CSL-12170	8	2	0	Optional
EZ-48400	400	20.3	23.7	45.0	53.0	1802	CSL-12100	16	2	0	Included
EZ-48500	500	20.3	23.7	57.0	65.0	2254	CSL-12100	20	2	1	Included
EZ-48510	510	20.3	23.7	67.5	75.5	2127	CSL-12170	12	3	0	Included
EZ-48600	600	20.3	23.7	67.5	75.5	2703	CSL-12100	24	3	0	Included
EZ-48680	680	2 x 20.3**	23.7	45.0	53.0	2836	CSL-12170	16	4	0	Included
EZ-48850	850	2 x 20.3**	23.7	67.5	67.5	3545	CSL-12170	20	5	0	Included
EZ-481020	1020	2 x 20.3**	23.7	67.5	75.5	4254	CSL-12170	24	6	0	Included
EZ-481360	1360	3 x 20.3**	23.7	67.5	67.5	5672	CSL-12170	32	8	0	Included
EZ-481700	1700	4 x 20.3**	23.7	67.5	67.5	7090	CSL-12170	40	10	0	Included
EZ-482040	2040	4 x 20.3**	23.7	67.5	75.5	8508	CSL-12170	48	12	0	Included

* H1 is the height of the system excluding the busbar assembly. H2 includes the 8" high busbar assembly.

** Dimensions when EZ racks are stacked 3 high. The systems can be stacked 4 high and still maintain a seismic zone 4 rating.

*** Systems with optional busbar assemblies are equipped with 10 feet of load cabling as standard.



MISSION: The Power Battery mission is to provide a reliable and competitive product backed up with the necessary technical expertise to meet the requirements of an increasingly demanding market place.

PRODUCTS: Power Battery is a manufacturing driven company. Our product development team combines market demands together with our engineering and manufacturing expertise to build a quality product and to do so in a fast and cost effective manner. The end result is a product that provides reliability and long life at an affordable price to the user.

LOCATIONS: Power Battery has three major corporate locations around the world. One in Paterson, New Jersey which covers the U.S.A., Latin America and the Pacific Rim. A second in Iberville, Quebec to cover the Canadian market and a third in Romsey, England which covers the European, Middle East and African markets. Our Corporate headquarters, R&D, manufacturing and USA distribution center are located in Paterson. The Iberville facility is a high-tech automated manufacturing center, and has the distinction of being the only battery plant in Canada manufacturing V.R.L.A. batteries. The UK sales office also has a stocking warehouse with systems capability and service. Power Battery now has sales offices in Milan, Italy and Hong Kong with major distributors throughout South America, Europe, Africa and Asia. Visit our website at www.powerbattery.com to find the distributor closest to you.

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