

Nfinity[™] Battery Run Time Charts

TECHNICAL DATA MANUAL



*External
Battery Cabinet*



*Extended
Battery Cabinet*

*Nfinity With
Extended & External
Battery Cabinets*

EXTERNAL BATTERY CABINETS (NON-MODULAR): BATTERY RUN TIMES IN MINUTES

LOAD VA	LOAD Watts	# of Non-Modular External Battery Cabinets With Charger					
		1	2	3	4	5	6
20,000	16,000	14	38	66	96	133	168
20,000	15,750	14	39	67	98	136	171
20,000	15,400	15	40	69	101	140	176
20,000	15,050	15	42	71	105	144	181
20,000	14,700	16	43	73	109	148	187
20,000	14,350	17	44	76	113	153	192
20,000	14,000	17	46	78	119	158	199
19,500	13,650	18	48	81	123	163	205
19,000	13,300	19	49	84	127	169	212
18,500	12,950	20	51	87	131	174	219
18,000	12,600	20	53	90	136	180	226
17,500	12,250	21	55	93	141	187	235
17,000	11,900	22	57	97	146	194	243
16,500	11,550	23	59	101	153	201	253
16,000	11,200	24	62	106	157	209	262
15,500	10,850	25	64	112	164	217	272
15,000	10,500	27	67	118	171	226	284
14,500	10,150	28	70	124	178	236	296
14,000	9,800	29	73	129	186	246	309
13,500	9,450	31	77	135	195	258	323
13,000	9,100	32	81	142	205	270	338
12,500	8,750	34	85	149	215	283	355
12,000	8,400	36	90	157	226	298	373
11,500	8,050	38	95	166	239	314	392
11,000	7,700	40	101	176	252	332	413
10,500	7,350	43	109	186	267	352	435
10,000	7,000	46	118	198	283	396	459
9,500	6,650	49	126	211	302	396	486
9,000	6,300	53	135	226	323	422	517
8,500	5,950	57	146	243	347	449	551
8,000	5,600	62	157	262	373	480	589
7,500	5,250	67	171	283	402	517	630
7,000	4,900	73	186	309	435	558	678
6,500	4,550	81	205	339	473	605	734
6,000	4,200	90	226	373	517	659	798
5,500	3,850	101	252	413	569	722	875
5,000	3,500	118	283	459	630	798	970
4,500	3,150	135	323	516	704	891	1088
4,000	2,800	157	374	590	799	1,016	1,244
3,500	2,450	187	436	679	920	1,177	1,450
3,000	2,100	226	517	798	1,090	1,403	1,731
2,500	1,750	283	630	970	1,337	1,729	2,133
2,000	1,400	372	797	1,240	1,727	2,233	2,759
1,500	1,050	515	1085	1,723	2,400	3,118	3,818
1,000	700	802	1,739	2,777	3,777	4,777	5,777
900	630	893	1,958	3,135	4,335	5,535	6,735
800	560	1,013	2,233	3,433	4,633	5,833	7,033
700	490	1,168	2,593	3,893	5,193	6,493	7,793
600	420	1,416	3,159	4,659	6,159	7,659	9,159
500	350	1,739	3,239	4,739	6,239	7,739	9,239



Backup Time Parameters

Backup times are in minutes and are based on resistive loading at an ambient temperature of 25°C (77°F). The times do not include the internal battery modules.

To calculate total run time, add external battery cabinet run time to run time listed for your particular configuration of internal battery modules.

8 BAY UPS FRAME WITH EXTENDED BATTERY CABINETS:

LOAD VA	LOAD Watts	# OF BATTERY MODULES (includes battery modules installed in UPS)																											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
		8 Bay Frame				First Extended Battery Cabinet												Second Extended Battery Cabinet											
16,000	11,200	-	-	-	7	9	13	17	19	23	26	29	32	35	38	41	44	47	50	53	56	59	62	65	68	71	74	77	80
15,500	10,850	-	-	-	7	10	13	17	20	23	27	30	33	36	39	42	45	48	52	55	58	61	64	67	70	73	76	79	82
15,000	10,500	-	-	-	7	11	14	18	21	24	28	31	34	37	40	44	47	50	54	57	60	63	66	69	72	75	78	81	84
14,500	10,150	-	-	-	8	12	15	19	22	25	29	32	36	39	42	46	49	53	56	59	62	65	68	71	74	77	80	83	86
14,000	9,800	-	-	-	8	13	16	20	23	26	30	33	37	40	44	47	51	54	58	62	66	70	74	78	82	86	90	94	98
13,500	9,450	-	-	-	8	13	16	20	24	27	31	35	38	42	46	49	53	56	60	65	69	73	77	81	85	89	93	97	101
13,000	9,100	-	-	-	9	13	17	21	25	28	32	36	39	43	47	51	54	58	62	66	70	74	78	82	86	90	94	98	102
12,500	8,750	-	-	-	10	14	18	22	26	30	34	38	42	46	50	54	57	62	66	69	74	78	82	86	90	94	98	102	106
12,000	8,400	-	-	7	12	16	20	24	28	32	36	40	44	48	52	56	60	65	69	72	77	81	85	89	93	97	101	105	109
11,500	8,050	-	-	7	12	17	21	25	29	34	38	42	46	51	55	59	63	68	72	76	81	85	89	93	97	101	105	109	113
11,000	7,700	-	-	7	12	17	21	26	30	35	40	44	48	53	57	62	66	71	75	80	85	89	93	97	101	105	109	113	117
10,500	7,350	-	-	8	14	18	23	28	32	37	42	46	51	56	60	65	70	75	80	85	91	96	101	106	111	116	121	126	131
10,000	7,000	-	-	9	15	19	24	29	34	38	43	49	54	59	63	68	74	78	83	88	93	98	103	108	113	118	123	128	133
9,500	6,650	-	-	10	15	21	26	30	36	41	46	52	57	62	66	72	78	82	88	93	99	104	109	114	119	124	129	134	139
9,000	6,300	-	-	11	16	22	28	33	38	44	49	55	60	65	70	76	82	88	94	101	107	113	119	125	131	137	143	149	155
8,500	5,950	-	-	12	17	23	29	35	40	46	52	58	64	69	75	81	87	94	101	109	115	121	127	133	139	145	151	157	163
8,000	5,600	-	7	13	19	25	31	37	43	49	55	62	68	72	79	86	92	99	106	112	118	124	130	136	142	148	154	160	166
7,500	5,250	-	8	14	21	28	34	40	47	53	59	67	73	78	85	92	99	105	112	119	125	131	137	143	149	155	161	167	173
7,000	4,900	-	8	16	23	30	36	43	50	57	64	72	78	85	92	99	106	113	120	127	134	141	147	154	161	168	175	182	189
6,500	4,550	-	9	17	24	32	40	47	55	62	69	77	84	91	99	107	115	123	130	137	145	153	160	167	174	181	188	195	202
6,000	4,200	-	11	19	24	36	43	51	60	68	76	84	92	100	109	117	125	134	142	150	158	166	174	182	190	198	206	214	222
5,500	3,850	-	12	21	25	39	47	56	66	74	82	91	101	109	118	127	136	145	154	163	171	179	187	195	203	211	219	227	235
5,000	3,500	-	14	23	28	42	52	61	72	80	90	100	110	119	129	139	148	158	168	177	187	196	205	214	223	232	241	250	259
4,500	3,150	-	15	25	37	47	57	67	78	88	98	109	119	131	141	152	162	173	183	193	205	215	225	235	245	255	265	275	285
4,000	2,800	7	19	31	43	55	66	79	91	104	115	128	140	152	165	176	188	201	213	225	237	249	261	273	285	297	309	321	333
3,500	2,450	9	23	37	51	65	79	93	107	123	136	151	165	179	194	207	221	237	250	264	279	292	307	320	333	346	359	372	385
3,000	2,100	11	28	44	60	76	93	109	126	143	159	176	192	209	226	242	257	276	292	308	325	340	357	372	387	402	417	432	447
2,500	1,750	14	33	52	71	89	109	128	147	167	185	205	224	243	262	281	298	320	339	358	377	394	414	431	448	465	482	499	516
2,000	1,400	18	42	65	88	112	136	160	183	207	230	254	276	302	325	348	371	394	419	442	465	487	510	532	554	576	598	620	642
1,500	1,050	26	57	87	119	151	182	213	243	276	306	337	367	400	431	461	491	521	553	584	615	645	675	704	734	764	794	824	854
1,000	700	45	94	144	195	246	294	344	393	444	493	541	570	639	689	737	783	827	874	919	965	1010	1055	1100	1145	1190	1235	1280	1325
900	630	50	105	160	216	273	327	382	436	492	547	600	627	708	763	817	866	915	965	1015	1064	1114	1163	1212	1261	1310	1359	1408	1457
800	560	55	116	177	238	300	359	420	480	540	601	659	684	777	837	897	950	1003	1057	1111	1164	1218	1271	1325	1378	1431	1484	1537	1590
700	490	61	128	195	263	331	396	463	529	594	661	726	752	855	921	986	1045	1104	1163	1221	1280	1339	1398	1456	1515	1574	1633	1692	1751
600	420	72	149	227	304	382	457	535	610	685	762	836	887	986	1061	1137	1208	1279	1350	1421	1492	1563	1634	1705	1776	1847	1918	1989	2060
500	350	82	171	258	346	433	518	606	691	777	862	947	1022	1117	1202	1287	1370	1453	1537	1620	1703	1786	1870	1953	2036	2119	2202	2285	2368
LOAD VA	LOAD Watts	8 Bay Frame				First Extended Battery Cabinet												Second Extended Battery Cabinet											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
		# OF BATTERY MODULES (includes battery modules installed in UPS)																											

Notes: 1. Run times are in minutes and based on resistive loading at an ambient temperature of 25°C for non-redundant (standard) configurations.
 2. Calculations are based on batteries at >90% capacity.

BATTERY RUN TIMES IN MINUTES

OF BATTERY MODULES (includes battery modules installed in UPS)

29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55
Third Extended Battery Cabinet												Fourth Extended Battery Cabinet														
83	86	89	92	95	98	101	104	107	110	113	116	119	122	125	128	131	134	137	140	143	146	149	152	-	-	-
85	88	91	94	97	100	103	106	109	112	115	118	121	124	127	130	133	136	139	142	145	148	151	154	-	-	-
87	90	93	96	99	102	105	108	111	114	117	120	123	126	129	132	135	138	141	144	147	150	153	156	-	-	-
89	92	95	98	101	104	107	110	113	116	119	122	125	128	131	134	137	140	143	146	149	152	155	158	-	-	-
102	106	110	114	118	122	126	130	134	138	142	146	150	154	158	162	166	170	174	178	182	186	190	194	-	-	-
105	109	113	117	121	125	129	133	137	141	145	149	153	157	161	165	169	173	177	181	185	189	193	197	-	-	-
106	110	114	118	122	126	130	134	138	142	146	150	154	158	162	166	170	174	178	182	186	190	194	198	-	-	-
110	114	118	122	126	130	134	138	142	146	150	154	158	162	166	170	174	178	182	186	190	194	198	202	-	-	-
113	117	121	125	129	133	137	141	145	149	153	157	161	165	169	173	177	181	185	189	193	197	201	205	209	-	-
117	121	125	129	133	137	141	145	149	153	157	161	165	169	173	177	181	185	189	193	197	201	205	209	213	-	-
121	125	129	133	137	141	145	149	153	157	161	165	169	173	177	181	185	189	193	197	201	205	209	213	217	-	-
136	141	146	151	156	161	166	171	176	181	186	191	196	201	206	211	216	221	226	231	236	241	246	251	256	-	-
138	143	148	153	158	163	168	173	178	183	188	193	198	203	208	213	218	223	228	233	238	243	248	253	258	-	-
144	149	154	159	164	169	174	179	184	189	194	199	204	209	214	219	224	229	234	239	244	249	254	259	264	-	-
161	167	173	179	185	191	197	203	209	215	221	227	233	239	245	251	257	263	269	275	281	287	293	299	305	-	-
169	175	181	187	193	199	205	211	217	223	229	235	241	247	253	259	265	271	277	283	289	295	301	307	313	-	-
172	178	184	190	196	202	208	214	220	226	232	238	244	250	256	262	268	274	280	286	292	298	304	310	316	322	-
179	185	191	197	203	209	215	221	227	233	239	245	251	257	263	269	275	281	287	293	299	305	311	317	323	329	-
196	203	210	217	224	231	238	245	252	259	266	273	280	287	294	301	308	315	322	329	336	343	350	357	364	371	-
209	216	223	230	237	244	251	258	265	272	279	286	293	300	307	314	321	328	335	342	349	356	363	370	377	384	-
230	238	246	254	262	270	278	286	294	302	310	318	326	334	342	350	358	366	374	382	390	398	406	414	422	430	-
243	251	259	267	275	283	291	299	307	315	323	331	339	347	355	363	371	379	387	395	403	411	419	427	435	443	-
268	277	286	295	304	313	322	331	340	349	358	367	376	385	394	403	412	421	430	439	448	457	466	475	484	493	-
295	305	315	325	335	345	355	365	375	385	395	405	415	425	435	445	455	465	475	485	495	505	515	525	535	545	-
345	357	369	381	393	405	417	429	441	453	465	477	489	501	513	525	537	549	561	573	585	597	609	621	633	645	657
398	411	424	437	450	463	476	489	502	515	528	541	554	567	580	593	606	619	632	645	658	671	684	697	710	723	736
462	477	492	507	522	537	552	567	582	597	612	627	642	657	672	687	702	717	732	747	762	777	792	807	822	837	852
533	550	567	584	601	618	635	652	669	686	703	720	737	754	771	788	805	822	839	856	873	890	907	924	941	958	975
664	686	708	730	752	774	796	818	840	862	884	906	928	950	972	994	1016	1038	1060	1082	1104	1126	1148	1170	1192	1214	1236
884	914	944	974	1004	1034	1064	1094	1124	1154	1184	1214	1244	1274	1304	1334	1364	1394	1424	1454	1484	1514	1544	1574	1604	1634	1664
1370	1415	1460	1505	1550	1595	1640	1685	1730	1775	1820	1865	1910	1955	2000	2045	2090	2135	2180	2225	2270	2315	2360	2405	2450	2495	2540
1506	1555	1604	1653	1702	1751	1800	1849	1898	1947	1996	2045	2094	2143	2192	2241	2290	2339	2388	2437	2486	2535	2584	2633	2682	2731	2780
1643	1696	1749	1802	1855	1908	1961	2014	2067	2120	2173	2226	2279	2332	2385	2438	2491	2544	2597	2650	2703	2756	2809	2862	2915	2968	3021
1810	1869	1928	1987	2046	2105	2164	2223	2282	2341	2400	2459	2518	2577	2636	2695	2754	2813	2872	2931	2990	3049	3108	3167	3226	3285	3344
2131	2202	2273	2344	2415	2486	2557	2628	2699	2770	2841	2912	2983	3054	3125	3196	3267	3338	3409	3480	3551	3622	3693	3764	3835	3906	3977
2451	2534	2617	2700	2783	2866	2949	3032	3115	3198	3281	3364	3447	3530	3613	3696	3779	3862	3945	4028	4111	4194	4277	4360	4443	4526	4609
Third Extended Battery Cabinet												Fourth Extended Battery Cabinet														
29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55

OF BATTERY MODULES (includes battery modules installed in UPS)

12 BAY UPS FRAME WITH EXTENDED BATTERY CABINETS:

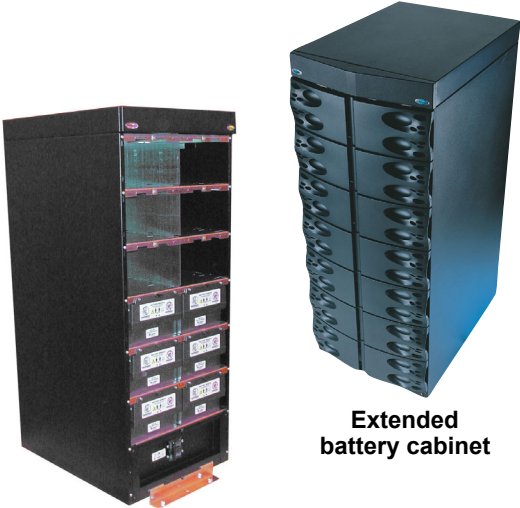

LOAD VA	LOAD Watts	# OF BATTERY MODULES (includes battery modules installed in UPS)																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
		12 Bay Frame						First Extended Battery Cabinet												Second Extended Battery Cabinet										
20,000	16,000	-	-	-	-	7	9	12	14	16	18	21	23	25	27	29	31	33	35	37	39	41	43	45	47	49	51	53	55	
20,000	15,750	-	-	-	-	7	9	13	15	17	19	21	23	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	
20,000	15,400	-	-	-	-	7	10	13	15	17	19	21	23	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	
20,000	15,050	-	-	-	-	8	11	13	15	17	20	22	24	27	29	31	33	35	37	39	41	43	45	47	49	51	53	55	57	
20,000	14,700	-	-	-	-	8	11	13	16	18	20	23	25	27	30	32	35	37	39	41	43	45	47	49	51	53	55	57	59	
20,000	14,350	-	-	-	-	8	12	14	16	19	21	24	26	28	31	33	36	38	40	42	44	46	48	50	52	54	56	58	60	
20,000	14,000	-	-	-	7	9	12	15	17	20	22	25	27	29	32	34	37	39	41	43	45	47	49	51	53	55	57	59	61	
19,500	13,650	-	-	-	7	9	12	15	17	20	22	25	27	30	32	35	37	40	43	46	49	52	54	56	58	60	62	64	66	
19,000	13,300	-	-	-	7	9	13	15	18	21	23	26	28	31	33	36	38	41	44	47	50	53	55	57	59	61	63	65	67	
18,500	12,950	-	-	-	8	11	13	16	19	21	24	27	29	32	35	37	40	43	45	48	51	54	56	58	60	62	64	66	68	
18,000	12,600	-	-	-	8	12	14	17	20	22	25	28	30	33	36	38	41	44	46	49	52	55	58	61	64	67	70	73	76	
17,500	12,250	-	-	-	8	12	14	17	20	22	25	28	31	34	37	40	42	45	48	51	54	57	60	63	66	69	72	75	78	
17,000	11,900	-	-	-	8	12	15	18	21	23	26	29	32	35	38	41	43	46	49	52	55	58	61	64	67	70	73	76	79	
16,500	11,550	-	-	-	9	13	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63	66	69	72	75	78	81	
16,000	11,200	-	-	7	9	13	17	19	23	26	29	32	35	38	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83	
15,500	10,850	-	-	7	10	13	17	20	23	27	30	33	36	39	42	45	48	52	55	58	61	64	67	70	73	76	79	82	85	
15,000	10,500	-	-	7	11	14	18	21	24	28	31	34	37	40	44	47	50	54	57	60	63	66	69	72	75	78	81	84	87	
14,500	10,150	-	-	8	12	15	19	22	25	29	32	36	39	42	46	49	53	56	59	62	65	68	71	74	77	80	83	86	89	
14,000	9,800	-	-	8	13	16	20	23	26	30	33	37	40	44	47	51	54	58	62	66	70	74	78	82	86	90	94	98	102	
13,500	9,450	-	-	8	13	16	20	24	27	31	35	38	42	46	49	53	56	60	65	69	73	77	81	85	89	93	97	101	105	
13,000	9,100	-	-	9	13	17	21	25	28	32	36	39	43	47	51	54	58	62	66	70	74	78	82	86	90	94	98	102	106	
12,500	8,750	-	-	10	14	18	22	26	30	34	38	42	46	50	54	57	62	66	69	74	78	82	86	90	94	98	102	106	110	
12,000	8,400	-	-	7	12	16	20	24	28	32	36	40	44	48	52	56	60	65	69	72	77	81	85	89	93	97	101	105	109	113
11,500	8,050	-	-	7	12	17	21	25	29	34	38	42	46	51	55	59	63	68	72	76	81	85	89	93	97	101	105	109	113	117
11,000	7,700	-	-	7	12	17	21	26	30	35	40	44	48	53	57	62	66	71	75	80	85	89	93	97	101	105	109	113	117	121
10,500	7,350	-	-	8	14	18	23	28	32	37	42	46	51	56	60	65	70	75	80	85	91	96	101	106	111	116	121	126	131	136
10,000	7,000	-	-	9	15	19	24	29	34	38	43	49	54	59	63	68	74	78	83	88	93	98	103	108	113	118	123	128	133	138
9,500	6,650	-	-	10	15	21	26	30	36	41	46	52	57	62	66	72	78	82	88	93	99	104	109	114	119	124	129	134	139	144
9,000	6,300	-	-	11	16	22	28	33	38	44	49	55	60	65	70	76	82	88	94	101	107	113	119	125	131	137	143	149	155	161
8,500	5,950	-	-	12	17	23	29	35	40	46	52	58	64	69	75	81	87	94	101	109	115	121	127	133	139	145	151	157	163	169
8,000	5,600	-	7	13	19	25	31	37	43	49	55	62	68	72	79	86	92	99	106	112	118	124	130	136	142	148	154	160	166	172
7,500	5,250	-	8	14	21	28	34	40	47	53	59	67	73	78	85	92	99	105	112	119	125	131	137	143	149	155	161	167	173	179
7,000	4,900	-	8	16	23	30	36	43	50	57	64	72	78	85	92	99	106	113	120	127	134	141	147	154	161	168	175	182	189	196
6,500	4,550	-	9	17	24	32	40	47	55	62	69	77	84	91	99	107	115	123	130	137	145	153	160	167	174	181	188	195	202	209
6,000	4,200	-	11	19	24	36	43	51	60	68	76	84	92	100	109	117	125	134	142	150	158	166	174	182	190	198	206	214	222	230
5,500	3,850	-	12	21	25	39	47	56	66	74	82	91	101	109	118	127	136	145	154	163	171	179	187	195	203	211	219	227	235	243
5,000	3,500	-	14	23	28	42	52	61	72	80	90	100	110	119	129	139	148	158	168	177	187	196	205	214	223	232	241	250	259	268
4,500	3,150	-	15	25	37	47	57	67	78	88	98	109	119	131	141	152	162	173	183	193	205	215	225	235	245	255	265	275	285	295
4,000	2,800	7	19	31	43	55	66	79	91	104	115	128	140	152	165	176	188	201	213	225	237	249	261	273	285	297	309	321	333	345
3,500	2,450	9	23	37	51	65	79	93	107	123	136	151	165	179	194	207	221	237	250	264	279	292	307	320	333	346	359	372	385	398
3,000	2,100	11	28	44	60	76	93	109	126	143	159	176	192	209	226	242	257	276	292	308	325	340	357	372	387	402	417	432	447	462
2,500	1,750	14	33	52	71	89	109	128	147	167	185	205	224	243	262	281	298	320	339	358	377	394	414	431	448	465	482	499	516	533
2,000	1,400	18	42	65	88	112	136	160	183	207	230	254	276	302	325	348	371	394	419	442	465	487	510	532	554	576	598	620	642	664
1,500	1,050	26	57	87	119	151	182	213	243	276	306	337	367	400	431	461	491	521	553	584	615	645	675	704	734	764	794	824	854	884
1,000	700	45	94	144	195	246	294	344	393	444	493	541	570	639	689	737	783	827	874	919	965	1010	1055	1100	1145	1190	1235	1280	1325	1370
900	630	50	105	160	216	273	327	382	436	492	547	600	627	708	763	817	866	915	965	1015	1064	1114	1163	1212	1261	1310	1359	1408	1457	1506
800	560	55	116	177	238	300	359	420	480	540	601	659	684	777	837	897	950	1003	1057	1111	1164	1218	1271	1325	1378	1431	1484	1537	1590	1643
700	490	61	128	195	263	331	396	463	529	594	661	726	752	855	921	986	1045	1104	1163	1221	1280	1339	1398	1456	1515	1574	1633	1692	1751	1810
600	420	72	149	227	304	382	457	535	610	685	762	836	887	986	1061	1137	1208	1279	1350	1421	1492	1563	1634	1705	1776	1847	1918	1989	2060	2131
500	350	82	171	258	346	433	518	606	691	777	862	947	1022	1117	1202	1287	1370	1453	1537	1620	1703	1786	1870	1953	2036	2119	2202	2285	2368	2451
LOAD VA	LOAD Watts	# OF BATTERY MODULES (includes battery modules installed in UPS)																												
		12 Bay Frame						First Extended Battery Cabinet												Second Extended										
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29

BATTERY RUN TIMES IN MINUTES

OF BATTERY MODULES (includes battery modules installed in UPS)

30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59					
Third Extended Battery Cabinet												Fourth Extended Battery Cabinet																						
57	59	61	63	65	67	69	71	73	75	77	79	81	83	85	87	89	91	93	95	97	99	101	103	105	-	-	-	-	-					
58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90	92	94	96	98	100	102	104	106	-	-	-	-	-					
58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90	92	94	96	98	100	102	104	106	-	-	-	-	-					
59	61	63	65	67	69	71	73	75	77	79	81	83	85	87	89	91	93	95	97	99	101	103	105	107	-	-	-	-	-					
61	63	65	67	69	71	73	75	77	79	81	83	85	87	89	91	93	95	97	99	101	103	105	107	109	-	-	-	-	-					
62	64	66	68	70	72	74	76	78	80	82	84	86	88	90	92	94	96	98	100	102	104	106	108	110	-	-	-	-	-					
63	65	67	69	71	73	75	77	79	81	83	85	87	89	91	93	95	97	99	101	103	105	107	109	111	113	-	-	-	-	-				
68	70	72	74	76	78	80	82	84	86	88	90	92	94	96	98	100	102	104	106	108	110	112	114	116	118	-	-	-	-	-				
69	71	73	75	77	79	81	83	85	87	89	91	93	95	97	99	101	103	105	107	109	111	113	115	117	119	-	-	-	-	-				
70	72	74	76	78	80	82	84	86	88	90	92	94	96	98	100	102	104	106	108	110	112	114	116	118	120	-	-	-	-	-				
79	82	85	88	91	94	97	100	103	106	109	112	115	118	121	124	127	130	133	136	139	142	145	148	151	154	-	-	-	-	-				
81	84	87	90	93	96	99	102	105	108	111	114	117	120	123	126	129	132	135	138	141	144	147	150	153	156	-	-	-	-	-				
82	85	88	91	94	97	100	103	106	109	112	115	118	121	124	127	130	133	136	139	142	145	148	151	154	157	-	-	-	-	-				
84	87	90	93	96	99	102	105	108	111	114	117	120	123	126	129	132	135	138	141	144	147	150	153	156	159	-	-	-	-	-				
86	89	92	95	98	101	104	107	110	113	116	119	122	125	128	131	134	137	140	143	146	149	152	155	158	161	164	-	-	-	-	-			
88	91	94	97	100	103	106	109	112	115	118	121	124	127	130	133	136	139	142	145	148	151	154	157	160	163	166	-	-	-	-	-			
90	93	96	99	102	105	108	111	114	117	120	123	126	129	132	135	138	141	144	147	150	153	156	159	162	165	168	-	-	-	-	-			
92	95	98	101	104	107	110	113	116	119	122	125	128	131	134	137	140	143	146	149	152	155	158	161	164	167	170	-	-	-	-	-			
106	110	114	118	122	126	130	134	138	142	146	150	154	158	162	166	170	174	178	182	186	190	194	198	202	206	210	-	-	-	-	-			
109	113	117	121	125	129	133	137	141	145	149	153	157	161	165	169	173	177	181	185	189	193	197	201	205	209	213	-	-	-	-	-			
110	114	118	122	126	130	134	138	142	146	150	154	158	162	166	170	174	178	182	186	190	194	198	202	206	210	214	-	-	-	-	-			
114	118	122	126	130	134	138	142	146	150	154	158	162	166	170	174	178	182	186	190	194	198	202	206	210	214	218	-	-	-	-	-			
117	121	125	129	133	137	141	145	149	153	157	161	165	169	173	177	181	185	189	193	197	201	205	209	213	217	221	225	-	-	-	-	-		
121	125	129	133	137	141	145	149	153	157	161	165	169	173	177	181	185	189	193	197	201	205	209	213	217	221	225	229	-	-	-	-	-		
125	129	133	137	141	145	149	153	157	161	165	169	173	177	181	185	189	193	197	201	205	209	213	217	221	225	229	233	-	-	-	-	-		
141	146	151	156	161	166	171	176	181	186	191	196	201	206	211	216	221	226	231	236	241	246	251	256	261	266	271	276	-	-	-	-	-		
143	148	153	158	163	168	173	178	183	188	193	198	203	208	213	218	223	228	233	238	243	248	253	258	263	268	273	278	-	-	-	-	-		
149	154	159	164	169	174	179	184	189	194	199	204	209	214	219	224	229	234	239	244	249	254	259	264	269	274	279	284	-	-	-	-	-		
167	173	179	185	191	197	203	209	215	221	227	233	239	245	251	257	263	269	275	281	287	293	299	305	311	317	323	329	-	-	-	-	-		
175	181	187	193	199	205	211	217	223	229	235	241	247	253	259	265	271	277	283	289	295	301	307	313	319	325	331	337	-	-	-	-	-		
178	184	190	196	202	208	214	220	226	232	238	244	250	256	262	268	274	280	286	292	298	304	310	316	322	328	334	340	346	-	-	-	-	-	
185	191	197	203	209	215	221	227	233	239	245	251	257	263	269	275	281	287	293	299	305	311	317	323	329	335	341	347	353	-	-	-	-	-	
203	210	217	224	231	238	245	252	259	266	273	280	287	294	301	308	315	322	329	336	343	350	357	364	371	378	385	392	399	-	-	-	-	-	
216	223	230	237	244	251	258	265	272	279	286	293	300	307	314	321	328	335	342	349	356	363	370	377	384	391	398	405	412	-	-	-	-	-	
238	246	254	262	270	278	286	294	302	310	318	326	334	342	350	358	366	374	382	390	398	406	414	422	430	438	446	454	462	-	-	-	-	-	
251	259	267	275	283	291	299	307	315	323	331	339	347	355	363	371	379	387	395	403	411	419	427	435	443	451	459	467	475	-	-	-	-	-	
277	286	295	304	313	322	331	340	349	358	367	376	385	394	403	412	421	430	439	448	457	466	475	484	493	502	511	520	529	-	-	-	-	-	
305	315	325	335	345	355	365	375	385	395	405	415	425	435	445	455	465	475	485	495	505	515	525	535	545	555	565	575	585	-	-	-	-	-	
357	369	381	393	405	417	429	441	453	465	477	489	501	513	525	537	549	561	573	585	597	609	621	633	645	657	669	681	693	705	-	-	-	-	-
411	424	437	450	463	476	489	502	515	528	541	554	567	580	593	606	619	632	645	658	671	684	697	710	723	736	749	762	775	788	-	-	-	-	-
477	492	507	522	537	552	567	582	597	612	627	642	657	672	687	702	717	732	747	762	777	792	807	822	837	852	867	882	897	912	-	-	-	-	-
550	567	584	601	618	635	652	669	686	703	720	737	754	771	788	805	822	839	856	873	890	907	924	941	958	975	992	1009	1026	1043	-	-	-	-	-
686	708	730	752	774	796	818	840	862	884	906	928	950	972	994	1016	1038	1060	1082	1104	1126	1148	1170	1192	1214	1236	1258	1280	1302	1324	-	-	-	-	-
914	944	974	1004	1034	1064	1094	1124	1154	1184	1214	1244	1274	1304	1334	1364	1394	1424	1454	1484	1514	1544	1574	1604	1634	1664	1694	1724	1754	1784	-	-	-	-	-
1415	1460	1505	1550	1595	1640	1685	1730	1775	1820	1865	1910	1955	2000	2045	2090	2135	2180	2225	2270	2315	2360	2405	2450	2495	2540	2585	2630	2675	2720	-	-	-	-	-
1555	1604	1653	1702	1751	1800	1849	1898	1947	1996	2045	2094	2143	2192	2241	2290	2339	2388	2437	2486	2535	2584	2633	2682	2731	2780	2829	2878	2927	2976	-	-	-	-	-
1696	1749	1802	1855	1908	1961	2014	2067	2120	2173	2226	2279	2332	2385	2438	2491	2544	2597	2650	2703	2756	2809	2862	2915	2968	3021	3074	3127	3180	3233	-	-	-	-	-
1869	1928	1987	2046	2105	2164	2223	2282	2341	2400	2459	2518	2577	2636	2695	2754	2813	2872	2931	2990	3049	3108	3167	3226	3285	3344	3403	3462	3521	3580	-				

COMPARISON OF FEATURES

FEATURES	<p style="text-align: center;">Extended Battery Cabinet (Modular)</p>  <p style="text-align: center;">Extended battery cabinet</p> <p style="text-align: center;">Extended battery cabinet with front cover removed</p>	<p style="text-align: center;">External Battery Cabinet (Non-Modular)</p>  <p style="text-align: center;">External battery cabinet</p> <p style="text-align: center;">External battery cabinet with front cover removed</p>
Battery charger	No battery charger	Battery charger included
AC feed	No	Yes—208/240VAC, 10 amp
Battery type	Accepts up to 12 intelligent battery modules	Standard VRLA batteries only—not modular
Battery design life	3 to 5 years	10 years
Communication with UPS	Communicates with UPS Modules can be taken off-line	No communication with UPS
Dimensions W x D x H - in. (mm)	20 x 28 x 52 (508 x 711 x 1321)	20 x 28 x 48.5 (508 x 711 x 1232)
Weight - lb. (kg)	1017 (461) — fully configured	1100 (499)
Daisy-chain configuration	Cabinets can be daisy-chained Maximum: four cabinets	Cabinets can be daisy-chained Maximum: unlimited
DC connection cable requirements	DC connection requires a factory-supplied battery cable, either 3 ft. or 15 ft. long (0.9m or 4.6m). Each cable is fitted with a mating connector on each end for plug-and-play connection to the UPS and external battery cabinet.	DC connection requires a factory-supplied battery cable, either 7 ft. or 15 ft. long (2.1 m or 4.6m). Each cable is fitted with a mating connector on one end (for connection to the UPS) to pigtail on the other (for connection to the external battery cabinet).
Battery cable adapter	Battery cable adapter is also available for hardwire connections other than standard lengths. Two adapters are required.	Battery cable adapter is also available for hardwire connections other than standard lengths. One adapter is required.
Warranty	Two years parts and labor	Two years parts and labor
Other features	Each extended battery cabinet requires one unused Intellislot on Nfinity UPS. Cabinet is supplied with: <ul style="list-style-type: none"> • Two (2) Intellislot battery cards (IBCs) • Two (2) 10-foot communication cables 	Recharge time, to 90%, 9 hours

*Nfinity*TM Battery Run Time Charts

TECHNICAL DATA MANUAL

The Company Behind the Products

With over a million installations around the globe, Liebert is the world leader in computer protection systems. Since its founding in 1965, Liebert has developed a complete range of support and protection systems for sensitive electronics:

- Environmental systems—close-control air conditioning from 1 to 60 tons
- Power conditioning and UPS with power ranges from 300 VA to more than 1000 kVA
- Integrated systems that provide both environmental and power protection in a single, flexible package
- Monitoring and control—from systems of any size or location, on-site or remote
- Service and support through more than 100 service centers around the world and a 24/7 Customer Response Center

While every precaution has been taken to ensure the accuracy and completeness of this literature, Liebert Corporation assumes no responsibility and disclaims all liability for damages resulting from use of this information or for any errors or omissions.

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