

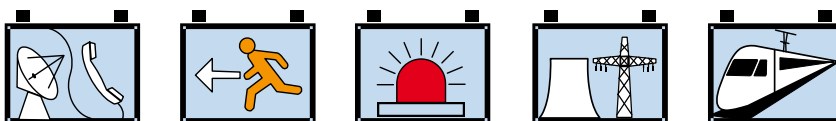


EverExceed[®]
power your applications

Modular Max AGM Range VRLA



*»Premium quality for
uninterrupted communication«*



www.everexceed.com



Modular Max Range Valve Regulated Lead Acid (V. R. L. A.) 2 Volt Flat Pasted Plate Battery

EverExceed Modular Max Range Valve Regulated Lead Acid (V.R.L.A.) batteries are designed for the long standby back-up power requirements of wireless / PCS telecommunications, MTSO's, central offices, utilities, switch gear and control applications. EverExceed advanced AGM absorbed electrolyte technology coupled with thick positive plates and a welded / epoxy, dual post seal ensures reliable performance, safety, outstanding battery life and value. Battery has a design life of 20 years and complies with BS6290 Part 4, EUROBAT (IEC 896-2) standards and is a recognized component of UL1989 under the Standby Battery Category.

Applicable Operating temperature range:
-40°C (-40°F) to +70°C (+158°F)

Ideal Operating temperature range:
+20°C (+68°F) to +30°C (+86°F)

Storage time from a fully charged condition:
12 months at 20°C ~25°C / 68°F~77°F.
For each 9°C / 15°F rise, reduce the storage time by half.

Applications

- ◆ Telecommunications
- ◆ Emergency Lighting
- ◆ Navigation Aids
- ◆ UPS system
- ◆ Switchgear
- ◆ Communications
- ◆ Grid scale energy storage
- ◆ Cellular Radio
- ◆ Control Systems
- ◆ Standby Power Supply
- ◆ Photovoltaic / Solar
- ◆ Remote/Hybrid Sites
- ◆ Off-Grid/Renewable
- ◆ Other cycling applications

Innovative Features

- ◆ 20 years design life in float service @ 20 °C;
- ◆ Valve Regulated Lead Acid (V.R.L.A.) deep cycle design;
- ◆ Fully tank formed plates;
- ◆ Maintenance free, never needs addition of water;
- ◆ Spill-proof and leak-proof;
- ◆ Proprietary Fixed Orifice Plate Pasting technology applying active materials on both sides of the grid for consistent cell-to-cell performance, higher capacity and uniform grid protection;
- ◆ Thick plate design for extra long deep cycle life;
- ◆ For use in vertical or horizontal position;
- ◆ Each cell has a low pressure safety release venting system;
- ◆ Nano-Carbon enhanced active material to maximize cycle performance and PSoC operation;
- ◆ Low calcium Lead/Tin alloy plates for efficient gas recombination for long life in both cycling and float applications;
- ◆ Low self-discharge rate, <3% per month.

Specifications

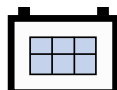
- ◆ Positive Plate: Lead-Calcium-Tin Flat Plate Grid;
- ◆ Negative Plate: Flat Pasted Grid;
- ◆ Electrolyte: Dilute Sulfuric Acid;
- ◆ Container & Cover:
Standard: Reinforced ABS (UL 94HB) container and cover.
Optional: Flame-retardant reinforced ABS container and cover compliant with U.L.94 V-0 with an Oxygen limiting Index of greater than 28%.
- ◆ Separators: Absorptive Glass Mat Separator;
- ◆ Float Voltage: 2.25 VPC +/- 1% at 20°C /25°C;
- ◆ Cycle service: 2.35 VPC +/- 1% at 20°C /25°C;
- ◆ Max. Charge Voltage: 2.40 VPC at 20°C /25°C;
- ◆ Safety One-Way Valve: 2-3PSI self-resealing;
- ◆ Terminals: Silver plated Integral Copper Insert;
- ◆ Conforms to IEC 60896-21/22 & IEC 61427;
- ◆ Certified by ISO 9001 & ISO 14001.

No transport restrictions

Surface transport. Classified as non-hazardous material as related to DOT-CFR Title 49 parts 171-189.

Marine transport. Classified as non-hazardous material as per IMDG amendment 27.

Air transport. Complies with IATA/ICAO, Special provision A67.



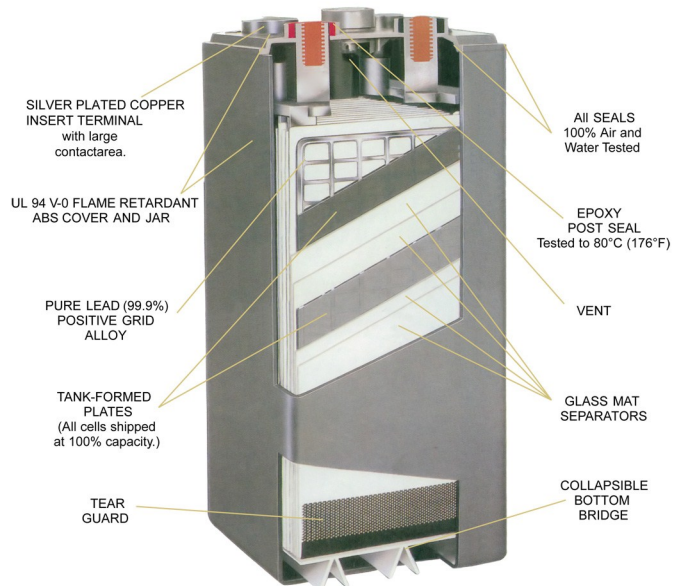
EverExceed Modular Max range batteries offer an ideal solution for large capacity, valve regulated lead-acid battery requirements. The EverExceed Modular Max range battery module design concept, with its modular racking system, provides a battery system with a compact, quick and simple installation process for NEBS applications.

The EverExceed Modular Max range battery system's cutting edge technology incorporates an enhanced cell design. The enhanced cell incorporates thicker positive plates for longer life. The welded/epoxy, dual post seal design provides the highest integrity seal in the industry. The large copper post design also enhances the high rate performance.

EverExceed Modular Max range cells, with their optimized recombination technology and extra thick plates, provide excellent performance and service life across a wide range of telecommunications applications.

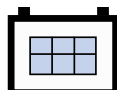
Construction

- ◆ Positive plate - Thick 0.245" (6.2mm) lead-calcium-tin grids minimize corrosion and prolong life.
- ◆ Negative plate - Balanced lead-calcium grids optimize recombination efficiency.
- ◆ AGM separator - Mechanically strong, low electrical resistance, micro porous glass fibre which completely absorbs the electrolyte into its structure.
- ◆ Container/Cover - Standard: Reinforced ABS (UL 94HB) container and cover.
Optional: Flame-retardant reinforced ABS container and cover compliant with U.L.94 V-0 with an Oxygen limiting Index of greater than 28%.
- ◆ Thermally welded case-to-cover bond to eliminate leakage.
- ◆ Containers are single-piece construction.
- ◆ Electrolyte - Diluted sulfuric acid.
- ◆ Terminal post - Lead casting terminal. Threaded copper insert, with large surface area, to provide maximum conductivity.
- ◆ Terminal seal - Ring burn with secondary epoxy resin seal is 100% water bath tested in the factory and proven in service.
- ◆ Relief valve - Operates at 2-3 psi and is complete with integral flame arrestor.



Features

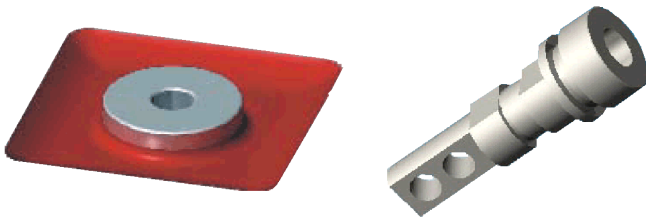
- ◆ 100% initial battery capacity before delivery.
- ◆ VRLA recombinant technology - low maintenance - no watering required.
- ◆ High-Compression Absorbed Glass Mat technology (AGM) for greater than 99% recombination efficiency.
- ◆ Up to 3000 Ah in a single cell.
- ◆ Frame design allows for maximum heat dissipation.
- ◆ NEBS zone 2 and zone 4 qualified.
- ◆ Cell can be configured 4, 6 or 8 cells wide or tailor solution for maximum flexibility.
- ◆ Simplified installation.
- ◆ Top termination standard for easy maintenance.
- ◆ Clear flame retardant safety shields allow for easy visual inspection without removal



Modular Max AGM Range Electrical Specifications & Dimensions

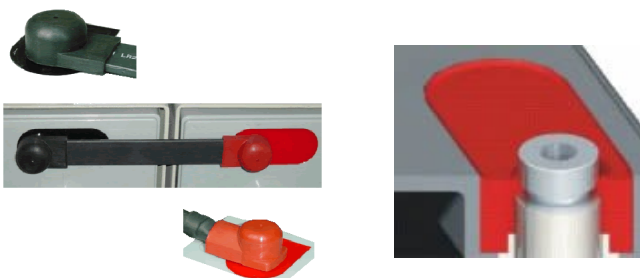
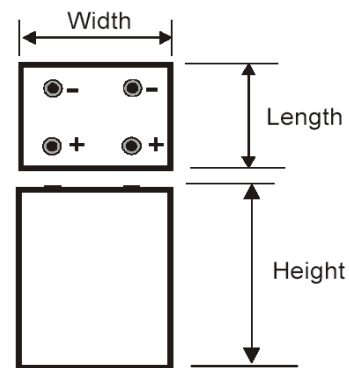
Model No.	Nominal Voltage (V)	Nominal Ah Cap. @10hr to 1.80VPC	Outline dimensions (mm/inch)								Weight		Terminal Type	No. of Terminal	Internal Resist mOhms	Max. Charge Current (A)	Short Circuit Current (A)
			Length		Width		Height		Total Height		kg	lbs					
			mm	inch	mm	inch	mm	inch	mm	inch							
MR 2-200 Max	2	200	90	3.54	181	7.13	346	13.6	365	14.4	12.5	27.5	F-M8	2	0.65	40	1620
MR 2-300 Max	2	300	124	4.88	181	7.13	346	13.6	365	14.4	17.5	38.5	F-M8	2	0.50	60	2410
MR 2-400 Max	2	400	158	6.22	181	7.13	346	13.6	365	14.4	23.0	50.6	F-M8	2	0.40	80	3220
MR 2-500 Max	2	500	191	7.52	181	7.13	346	13.6	365	14.4	28.0	61.6	F-M8	2	0.35	100	4100
MR 2-600 Max	2	600	225	8.86	181	7.13	346	13.6	365	14.4	33.0	72.6	F-M8	2	0.30	120	4860
MR 2-800 Max	2	800	303	11.9	181	7.13	346	13.6	365	14.4	45.0	99.0	F-M8	4	0.29	160	6400
MR 2-1000 Max	2	1000	370	14.6	181	7.13	346	13.6	365	14.4	55.0	121	F-M8	4	0.26	200	7900
MR 2-1500 Max	2	1500	551	21.7	181	7.13	369	14.5	388	15.3	85.5	188	F-M8	6	0.20	300	12500
MR 2-2000 Max	2	2000	385	15.2	363	14.3	369	14.5	388	15.3	114	250	F-M8	8	0.15	400	16200
MR 2-3000 Max	2	3000	568	22.4	363	14.3	369	14.5	388	15.3	172	378	F-M8	12	0.12	600	24200

Terminal Type



F-M8: Copper Insert type terminal with 20 mm Diameter insert. Standing 5mm above the top of the battery case with M8 thread M8 bolt. Flat and Spring washer supplied.

Cell Dimensions for Rack Layout



Battery Float Voltage

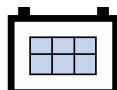
Ambient Temperature	Recommended Applied Float Voltage VPC
0~9°C	2.33-2.35
10~14°C	2.30-2.33
15~19°C	2.27-2.30
20~24°C	2.27-2.30
25~29°C	2.25-2.27
30~34°C	2.23-2.25
35~40°C	2.21-2.23



Modular Max AGM Range Discharge Amps Data @ 20°C

Battery Model	End VPC	Discharge Data Amps @ 20°C					Discharge Data Ampere @ 20°C										
		Discharge Time In Minutes					Discharge Time In Hours										
		5	10	15	30	45	1	1.5	2	3	4	5	6	8	10	12	20
MR 2-200 Max	1.90V	283	241	204	159	129	86.2	80.0	60.3	48.3	36.6	31.6	27.3	22.8	18.6	15.1	9.45
	1.85V	314	268	227	177	143	95.8	88.9	64.6	50.8	40.7	33.9	28.4	23.6	20.0	16.8	10.5
	1.80V	352	302	251	194	151	104	91.9	67.7	53.9	42.3	35.9	31.0	24.3	20.5	17.5	10.9
	1.75V	414	334	285	206	160	116	96.0	70.7	55.3	43.2	36.6	31.6	24.8	21.1	17.8	11.1
	1.70V	433	361	294	210	162	130	100	73.7	56.5	43.8	37.1	32.0	24.9	21.3	17.9	11.2
	1.67V	437	364	296	212	164	131	101	74.5	57.0	44.3	37.4	32.3	25.2	21.5	18.1	11.3
MR 2-300 Max	1.90V	424	362	306	239	193	129	120	90.5	72.5	54.9	47.4	41.0	34.2	27.9	22.7	14.2
	1.85V	471	402	340	266	214	144	133	97.0	76.2	61.1	50.9	42.6	35.4	30.0	25.2	15.7
	1.80V	528	453	377	290	226	156	138	102	80.9	63.5	53.8	46.5	36.5	30.8	26.3	16.4
	1.75V	621	501	428	309	240	175	144	106	83.0	64.8	54.8	47.4	37.2	31.7	26.6	16.6
	1.70V	649	541	440	315	243	195	150	111	84.7	65.8	55.6	48.0	37.4	32.0	26.9	16.8
	1.67V	655	546	445	318	246	197	151	112	85.5	66.4	56.2	48.5	37.8	32.3	27.2	16.9
MR 2-400 Max	1.90V	565	482	408	319	257	172	160	121	96.6	73.3	63.2	54.6	45.6	37.2	30.3	18.9
	1.85V	628	536	453	354	286	192	178	129	102	81.4	67.9	56.8	47.2	40.0	33.7	21.0
	1.80V	705	604	503	387	302	208	184	135	108	84.6	71.7	62.0	48.6	41.0	35.0	21.8
	1.75V	828	667	571	412	320	233	192	141	111	86.5	73.1	63.2	49.6	42.2	35.5	22.2
	1.70V	865	721	587	420	324	260	200	147	113	87.7	74.1	64.0	49.8	42.6	35.9	22.4
	1.67V	874	728	593	424	328	262	202	149	114	88.5	74.9	64.7	50.3	43.0	36.2	22.6
MR 2-500 Max	1.90V	707	603	510	399	321	216	200	151	121	91.6	79.0	68.3	57.0	46.5	37.9	23.6
	1.85V	785	670	567	443	357	240	222	162	127	102	84.8	71.0	59.0	50.0	42.1	26.2
	1.80V	881	754	628	484	377	260	230	169	135	106	89.6	77.5	60.8	51.3	43.8	27.3
	1.75V	1035	834	713	515	400	291	240	177	138	108	91.4	79.0	62.1	52.8	44.4	27.7
	1.70V	1082	901	734	525	405	325	250	184	141	110	92.7	80.0	62.3	53.3	44.8	28.0
	1.67V	1092	910	741	531	410	328	252	186	143	111	93.6	80.8	62.9	53.8	45.3	28.2
MR 2-600 Max	1.90V	848	723	612	478	386	259	240	181	145	110	94.8	81.9	68.4	55.8	45.4	28.3
	1.85V	942	803	680	531	428	287	267	194	152	122	102	85.1	70.9	60.0	50.5	31.5
	1.80V	1057	905	754	581	453	312	276	203	162	127	108	93.0	73.0	61.5	52.5	32.8
	1.75V	1242	1001	856	618	480	349	288	212	166	130	110	94.8	74.5	63.3	53.3	33.2
	1.70V	1298	1082	881	630	487	389	300	221	169	132	111	96.1	74.8	63.9	53.8	33.6
	1.67V	1311	1092	889	637	491	393	303	223	171	133	112	97.0	75.5	64.6	54.3	33.9
MR 2-800 Max	1.90V	1131	964	816	638	514	345	320	241	193	146	126	109	91.2	74.4	60.6	37.8
	1.85V	1256	1071	906	708	571	383	355	258	203	163	136	113	94.4	80.0	67.3	42.0
	1.80V	1409	1207	1005	774	604	416	368	271	216	169	143	124	97.3	82.0	70.0	43.7
	1.75V	1656	1335	1141	824	640	466	384	283	221	173	146	126	99.3	84.4	71.0	44.3
	1.70V	1730	1442	1174	840	649	519	400	295	226	175	148	128	99.7	85.2	71.7	44.7
	1.67V	1747	1456	1186	849	655	524	404	298	228	177	150	129	101	86.1	72.4	45.2

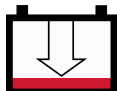
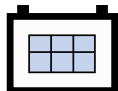
Actual Battery Discharge Data may be +/-5% of figures shown above.



Modular Max AGM Range Discharge Amps Data @ 20°C

Battery Model	End VPC	Discharge Data Amps @ 20°C					Discharge Data Ampere @ 20°C										
		Discharge Time In Minutes					Discharge Time In Hours										
		5	10	15	30	45	1	1.5	2	3	4	5	6	8	10	12	20
MR 2-1000 Max	1.90V	1413	1205	1019	797	642	431	400	301	241	183	158	136	114	93.0	75.7	47.2
	1.85V	1570	1339	1133	886	714	479	444	323	254	203	170	142	118	100	84.1	52.5
	1.80V	1761	1509	1256	968	755	520	459	338	270	212	179	155	122	102	87.5	54.6
	1.75V	2070	1668	1426	1030	800	582	480	353	277	216	183	158	124	105	88.8	55.4
	1.70V	2162	1802	1467	1050	811	649	500	369	282	219	185	160	125	107	89.6	55.9
	1.67V	2184	1820	1482	1061	819	655	505	372	285	221	187	162	126	108	90.5	56.5
MR 2-1500 Max	1.90V	2120	1807	1529	1196	964	647	600	452	362	275	237	205	171	139	114	70.9
	1.85V	2356	2008	1699	1328	1071	718	666	485	381	305	254	213	177	150	126	78.7
	1.80V	2641	2263	1884	1452	1132	780	689	507	404	317	269	232	182	154	131	81.9
	1.75V	3105	2502	2139	1545	1201	873	719	530	415	324	274	237	186	158	133	83.1
	1.70V	3244	2703	2201	1576	1216	973	750	553	423	329	278	240	187	160	134	83.9
	1.67V	3276	2730	2223	1591	1228	983	757	558	428	332	281	242	189	161	136	84.7
MR 2-2000 Max	1.90V	2826	2409	2038	1594	1285	862	800	603	483	366	316	273	228	186	151	94.5
	1.85V	3140	2677	2265	1771	1427	958	888	646	508	407	339	284	236	200	168	105
	1.80V	3521	3016	2512	1935	1509	1040	919	676	539	423	358	310	243	205	175	109
	1.75V	4139	3336	2852	2059	1601	1164	959	707	553	432	365	316	248	211	178	111
	1.70V	4324	3603	2934	2100	1621	1297	999	737	564	438	370	320	249	213	179	112
	1.67V	4367	3639	2963	2121	1637	1310	1009	744	570	443	374	323	252	215	181	113
MR 2-3000 Max	1.90V	4239	3613	3058	2390	1927	1293	1199	904	724	549	474	409	342	279	227	142
	1.85V	4710	4015	3397	2656	2141	1436	1333	969	762	610	509	426	354	300	252	157
	1.80V	5281	4525	3768	2903	2263	1560	1378	1015	809	634	538	465	365	307	263	164
	1.75V	6208	5003	4278	3088	2401	1745	1439	1060	830	648	548	474	372	316	266	166
	1.70V	6486	5405	4401	3150	2431	1946	1499	1105	846	657	556	480	374	319	269	168
	1.67V	6551	5459	4445	3182	2456	1966	1514	1116	855	664	561	485	377	323	272	169

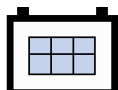
Actual Battery Discharge Data may be +/-5% of figures shown above.



Modular Max AGM Range Discharge Watts Data @ 20°C

Battery Model	End VPC	Discharge Watts Per Cell @ 20°C						Discharge Watts Per Cell @ 20°C									
		Discharge Time In Minutes						Discharge Time In Hours									
		5	10	15	30	45	1	1.5	2	3	4	5	6	8	10	12	20
MR 2-200 Max	1.90V	528	450	381	298	240	163	156	120	93.4	77.6	63.8	53.9	45.7	38.1	30.3	18.9
	1.85V	586	500	423	331	266	176	174	126	102	82.3	68.7	57.6	48.2	41.0	33.7	21.0
	1.80V	657	563	469	361	282	193	179	134	107	85.0	72.4	62.7	49.4	42.3	35.0	21.8
	1.75V	773	623	532	384	299	242	192	142	111	87.6	74.4	64.4	50.6	43.2	35.5	22.2
	1.70V	807	673	548	392	303	249	194	145	112	88.1	74.7	64.8	50.7	43.4	35.9	22.4
	1.67V	815	679	553	396	306	251	196	146	113	89.0	75.4	65.4	51.2	43.8	36.2	22.6
MR 2-300 Max	1.90V	791	675	571	446	360	245	234	181	140	116	95.6	80.8	68.5	57.2	45.4	28.3
	1.85V	879	750	634	496	400	265	262	190	153	123	103	86.4	72.4	61.5	50.5	31.5
	1.80V	986	845	703	542	423	289	268	200	160	127	109	94.1	74.1	63.5	52.5	32.8
	1.75V	1159	934	799	577	448	363	288	213	167	131	112	96.5	75.9	64.9	53.3	33.2
	1.70V	1211	1009	822	588	454	373	291	217	168	132	112	97.2	76.0	65.0	53.8	33.6
	1.67V	1223	1019	830	594	458	377	294	219	169	134	113	98.1	76.8	65.7	54.3	33.9
MR 2-400 Max	1.90V	1055	899	761	595	480	326	312	241	187	155	127	108	91.4	76.3	60.6	37.8
	1.85V	1172	999	845	661	533	353	349	253	204	165	137	115	96.5	82.0	67.3	42.0
	1.80V	1314	1126	938	722	563	385	357	267	214	170	145	125	98.7	84.6	70.0	43.7
	1.75V	1545	1245	1065	769	597	483	383	283	222	175	149	129	101	86.5	71.0	44.3
	1.70V	1614	1345	1095	784	605	498	388	290	223	176	149	130	101	86.7	71.7	44.7
	1.67V	1630	1359	1106	792	611	503	391	293	226	178	151	131	102	87.5	72.4	45.2
MR 2-500 Max	1.90V	1319	1124	951	744	599	408	390	301	234	194	159	135	114	95.3	75.7	47.2
	1.85V	1465	1249	1057	826	666	441	436	316	254	206	172	144	121	102	84.1	52.5
	1.80V	1643	1407	1172	903	704	482	446	334	267	212	181	157	123	106	87.5	54.6
	1.75V	1931	1556	1331	961	747	604	479	354	278	219	186	161	126	108	88.8	55.4
	1.70V	2018	1681	1369	980	756	622	484	362	279	220	187	162	127	108	89.6	55.9
	1.67V	2038	1698	1383	990	764	628	489	366	282	222	188	164	128	109	90.5	56.5
MR 2-600 Max	1.90V	1582	1349	1141	892	719	489	468	361	280	233	191	162	137	114	90.9	56.7
	1.85V	1758	1499	1268	991	799	529	523	379	305	247	206	173	145	123	101	63.0
	1.80V	1971	1689	1407	1084	845	578	535	401	321	255	217	188	148	127	105	65.5
	1.75V	2317	1868	1597	1153	896	725	575	425	333	263	223	193	152	130	107	66.5
	1.70V	2421	2018	1643	1176	908	746	581	434	335	264	224	194	152	130	108	67.1
	1.67V	2445	2038	1659	1188	917	754	587	439	338	267	226	196	154	131	109	67.8
MR 2-800 Max	1.90V	2109	1798	1521	1189	959	652	624	481	374	310	255	215	183	153	121	75.6
	1.85V	2344	1998	1690	1322	1065	705	697	506	407	329	275	230	193	164	135	84.0
	1.80V	2628	2251	1875	1445	1126	771	714	534	428	340	290	251	197	169	140	87.3
	1.75V	3089	2490	2128	1537	1195	966	767	567	444	350	297	257	202	173	142	88.6
	1.70V	3227	2689	2190	1568	1210	995	775	579	447	352	299	259	203	173	143	89.4
	1.67V	3260	2716	2212	1583	1222	1005	783	585	451	356	301	262	205	175	145	90.3

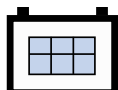
Actual Battery Discharge Data may be +/-5% of figures shown above.



Modular Max AGM Range Discharge Watts Data @ 20°C

Battery Model	End VPC	Discharge Watts Per Cell @ 20°C					Discharge Watts Per Cell @ 20°C										
		Discharge Time In Minutes					Discharge Time In Hours										
		5	10	15	30	45	1	1.5	2	3	4	5	6	8	10	12	20
MR 2-1000 Max	1.90V	2637	2248	1902	1487	1198	816	780	601	467	388	319	269	228	191	151	94.5
	1.85V	2930	2497	2113	1652	1332	882	872	632	509	411	344	288	241	205	168	105
	1.80V	3285	2814	2344	1806	1408	963	892	668	535	425	362	313	247	212	175	109
	1.75V	3861	3112	2661	1921	1493	1208	958	709	555	438	372	322	253	216	178	111
	1.70V	4034	3362	2737	1959	1512	1244	969	724	558	440	373	324	253	217	179	112
	1.67V	4074	3395	2765	1979	1528	1256	978	731	564	445	377	327	256	219	181	113
MR 2-1500 Max	1.90V	3955	3371	2853	2230	1798	1223	1170	902	700	582	478	404	343	286	227	142
	1.85V	4394	3746	3170	2478	1997	1323	1307	948	763	617	515	432	362	307	252	157
	1.80V	4927	4221	3515	2709	2112	1445	1338	1002	802	637	543	470	370	317	263	164
	1.75V	5792	4668	3991	2882	2240	1812	1437	1063	833	657	557	482	379	324	266	166
	1.70V	6051	5043	4106	2939	2269	1866	1453	1086	837	661	560	486	380	325	269	168
	1.67V	6112	5093	4147	2969	2291	1884	1467	1097	846	667	565	490	384	328	272	169
MR 2-2000 Max	1.90V	5272	4494	3803	2973	2396	1631	1559	1203	934	776	637	538	457	381	303	189
	1.85V	5858	4993	4225	3303	2663	1763	1743	1264	1017	823	687	576	482	410	336	210
	1.80V	6568	5627	4686	3611	2815	1926	1784	1335	1069	849	724	627	493	423	350	218
	1.75V	7721	6223	5320	3841	2986	2416	1916	1417	1110	876	743	643	506	432	355	221
	1.70V	8066	6722	5474	3918	3024	2487	1937	1447	1116	881	746	647	507	433	358	224
	1.67V	8147	6789	5528	3957	3054	2512	1956	1462	1127	889	754	654	512	438	362	226
MR 2-3000 Max	1.90V	7908	6741	5704	4459	3595	2446	2339	1804	1400	1163	956	807	685	572	454	283
	1.85V	8786	7490	6338	4955	3994	2645	2614	1896	1526	1234	1030	864	723	615	505	315
	1.80V	9852	8441	7029	5416	4222	2890	2675	2003	1604	1274	1085	940	740	634	525	327
	1.75V	11581	9334	7980	5762	4479	3623	2874	2125	1665	1313	1115	965	758	648	533	332
	1.70V	12099	10083	8210	5877	4536	3730	2905	2171	1674	1321	1119	971	760	650	538	335
	1.67V	12220	10184	8292	5936	4581	3768	2934	2193	1691	1334	1130	981	767	656	543	339

Actual Battery Discharge Data may be +/-5% of figures shown above.

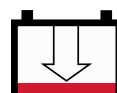
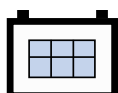


Modular Max Range Cell Installation Configuration

Modular Max Range cells can be mounted on / in vertical or horizontal racking system, below are EverExceed standard telecom 48VDC vertical / horizontal racks for choice.

Vertical installation (48V200~3000Ah Max)

Model	Installation configuration	Rack specification (mm/inch)						MAX specification (mm/inch)						Total weight (Kg) Battery included
		Length		Width		Height		Length		Width		Height		
		mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	
48V200Ah	Single-layer vertical	1416	55.7	460	18.1	341	13.4	1476	58.1	480	18.9	409	16.1	350
	Double-layer vertical	712	28.0	460	18.1	870	34.3	801	31.5	480	18.9	942	37.1	356
48V300Ah	Single-layer vertical	1818	71.6	460	18.1	341	13.4	1878	73.9	480	18.9	409	16.1	485
	Double-layer vertical	913	35.9	460	18.1	870	34.3	1002	39.4	480	18.9	942	37.1	491
48V400Ah	Single-layer vertical	2508	98.7	413	16.3	341	13.4	2568	101	433	17.0	409	16.1	628
	Double-layer vertical	1258	49.5	413	16.3	870	34.3	1347	53.0	433	17.0	942	37.1	638
48V500Ah	Single-layer vertical	2508	98.7	480	18.9	341	13.4	2568	101	500	19.7	409	16.1	762
	Double-layer vertical	1258	49.5	480	18.9	870	34.3	1347	53.0	500	19.7	942	37.1	771
48V600Ah	Single-layer vertical	2508	98.7	547	21.5	341	13.4	2568	101	567	22.3	409	16.1	883
	Double-layer vertical	1258	49.5	547	21.5	870	34.3	1347	53.0	567	22.3	942	37.1	892
48V800Ah	Single-layer vertical 1	5116	201	379	14.9	341	13.4	5248	207	399	15.7	409	16.1	1210
	Single-layer vertical 2	2508	98.7	858	33.8	341	13.4	2584	102	878	34.6	409	16.1	1210
	Double-layer vertical	2536	99.8	379	14.9	870	34.3	2655	105	399	15.7	942	37.1	1213
48V1000Ah	Single-layer vertical 1	5116	201	446	17.6	341	13.4	5248	207	466	18.3	409	16.1	1498
	Single-layer vertical 2	2508	98.7	992	39.1	341	13.4	2584	102	1012	39.8	409	16.1	1498
	Double-layer vertical	2536	99.8	446	17.6	870	34.3	2655	105	466	18.3	942	37.1	1510
48V1500Ah	Double-layer vertical	2466	97.1	609	24	870	34.3	2506	98.7	609	24	942	37.1	3050
	Double-layer vertical	1223	48.1	1238	48.7	870	34.3	1303	51.2	1238	48.7	942	37.1	3150
48V2000Ah	Single-layer vertical	4584	181	856	33.7	428	16.9	4824	190	876	34.5	491	19.3	3270
	Double-layer vertical	2292	90.2	856	33.7	1082	42.6	2532	99.7	876	34.5	1145	45.1	3244
48V3000Ah	Single-layer vertical	4584	180.0	1221	48.1	428	16.9	4824	190	1336	52.6	491	19.3	4744
	Double-layer vertical	2292	90.2	1316	51.8	1082	42.6	2532	99.7	1336	52.6	1145	45.1	4735

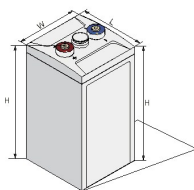


Four-layer horizontal installation (48V200~1000Ah Max)

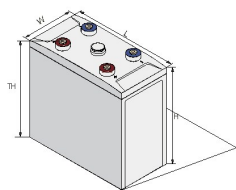
Model	Installation configuration	Rack specification (mm/inch)						MAX specification (mm/inch)						Total weight (Kg) Battery included
		Length		Width		Height		Length		Width		Height		
		mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	
48V200Ah	Four-layer horizontal	722	28.4	360	14.2	914	36.0	842	33.1	381	15.0	914	36.0	352
48V300Ah	Four-layer horizontal	923	36.3	360	14.2	914	36.0	1043	41.1	381	15.0	914	36.0	499
48V400Ah	Four-layer horizontal	1127	44.4	360	14.2	914	36.0	1247	49.1	381	15.0	914	36.0	646
48V500Ah	Four-layer horizontal	1328	52.3	360	14.2	914	36.0	1448	57.0	381	15.0	914	36.0	769
48V600Ah	Four-layer horizontal	1529	60.2	360	14.2	914	36.0	1649	64.9	381	15.0	914	36.0	893
48V800Ah	Four-layer horizontal	2088	82.2	360	14.2	914	36.0	2208	86.9	381	15.0	914	36.0	1254
48V1000Ah	Four-layer horizontal	2490	98.0	360	14.2	914	36.0	2610	103	381	15.0	914	36.0	1517

Six-layer horizontal installation (48V200~1000Ah Max)

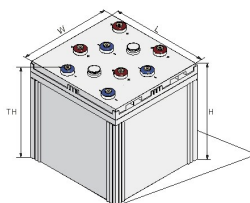
Model	Installation configuration	Rack specification (mm/inch)						MAX specification (mm/inch)						Total weight (Kg) Battery included
		Length		Width		Height		Length		Width		Height		
		mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	
48V200Ah	Six-layer horizontal	494	19.4	360	14.2	1354	53.3	614	24.2	381	15.0	1354	53.3	358
48V300Ah	Six-layer horizontal	628	24.7	360	14.2	1354	53.3	748	29.4	381	15.0	1354	53.3	506
48V400Ah	Six-layer horizontal	764	30.1	360	14.2	1354	53.3	884	34.8	381	15.0	1354	53.3	652
48V500Ah	Six-layer horizontal	898	35.4	360	14.2	1354	53.3	1018	40.1	381	15.0	1354	53.3	776
48V600Ah	Six-layer horizontal	1032	40.6	360	14.2	1354	53.3	1152	45.4	381	15.0	1354	53.3	899
48V800Ah	Six-layer horizontal	1434	56.5	360	14.2	1354	53.3	1554	61.2	381	15.0	1354	53.3	1267
48V1000Ah	Six-layer horizontal	1702	67.0	360	14.2	1354	53.3	1822	71.7	381	15.0	1354	53.3	1528



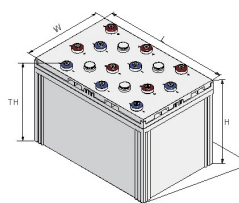
Modular 2-200~600 Max



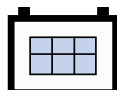
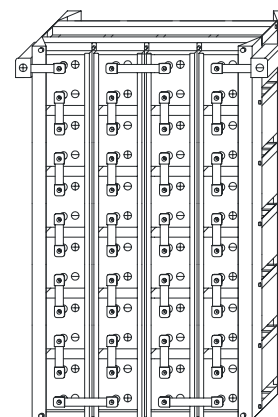
Modular 2-800~1500 Max

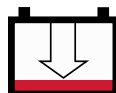
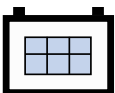
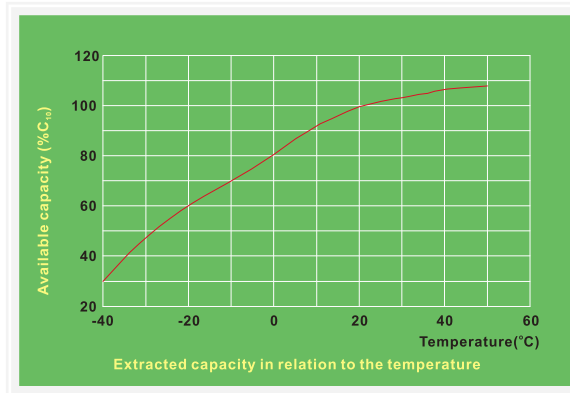
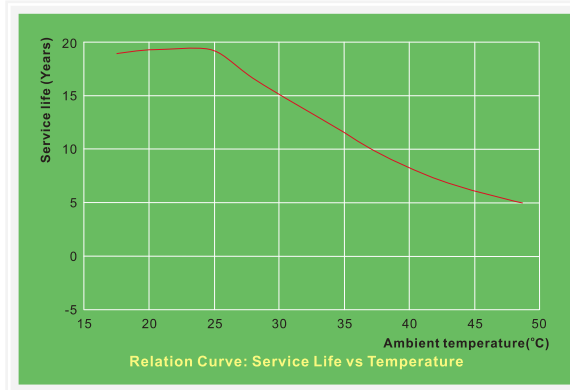
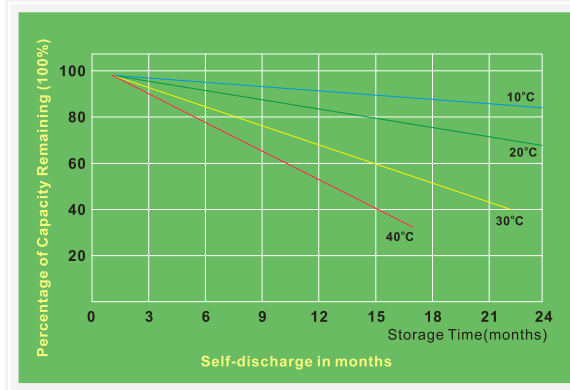
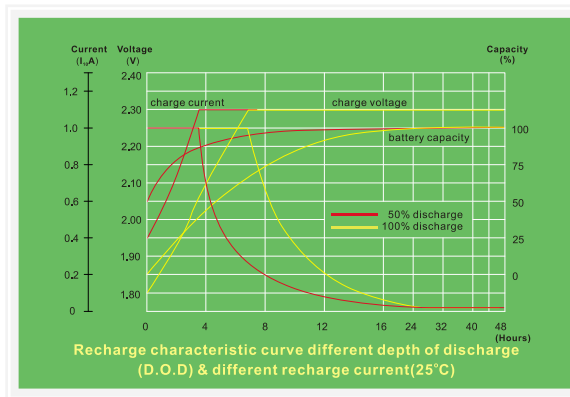


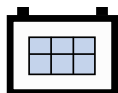
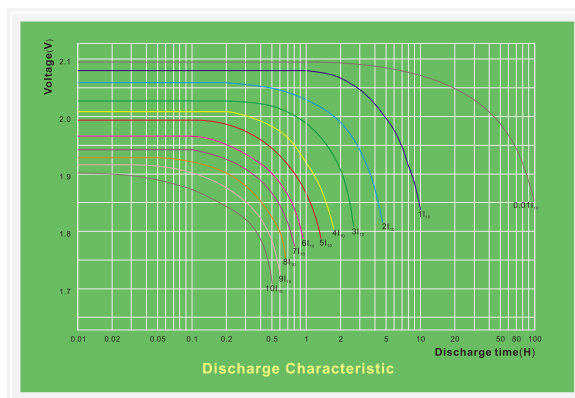
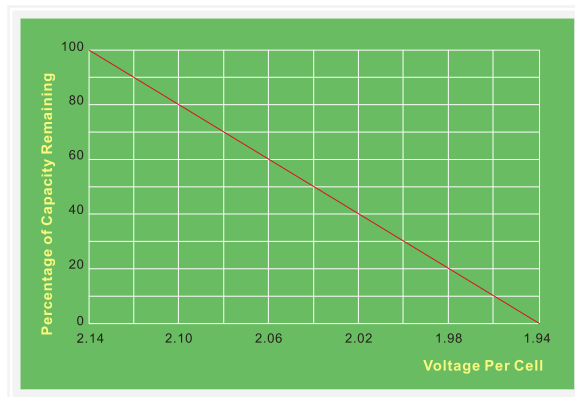
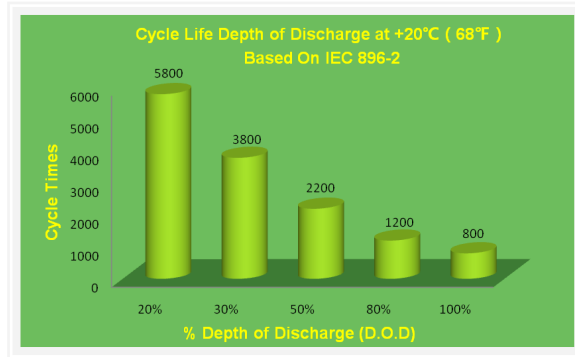
Modular 2-2000 Max



Modular 2-3000~4000 Max







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