EverExceed®

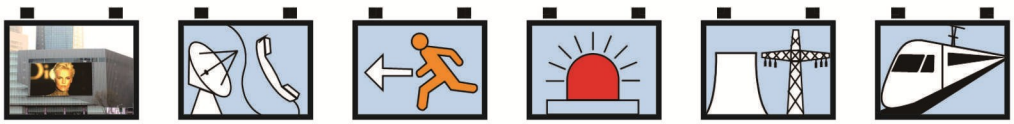
power your applications

MICRO MAX RANGE VRLA

UNIQUE PERFORMANCE AGAINST HIGH TEMPERATURE

12YEARS DESIGN LIFE

Premium quality for uninterruptible application



www.everexceed.com

Micro MAX Range VRLA

EverExceed®
power your applications

Maintenance-Free Rechargeable Sealed V.R.L.A. Lead Acid Batteries Capacities: 7AH to 65AH

MICRO MAX superior valve regulated lead acid (VRLA) rechargeable batteries are designed to provide outstanding performance in withstanding overcharge, over discharge, and resisting vibration and shock. With compact design, these batteries save installation space, while providing full and reliable power. The use of special sealing epoxies, groove case and cover construction, and long-sealing paths for posts and connectors, assures that the Micro MAX Range VRLA battery will offer exceptional leak resistance, and allows them to be used in any position.

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

Ideal Operating temperature range:
+15°C (+68°F) to +60°C (+82.4°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.

Designed in Quality Manufacturing
Quality manufacturing processes for the MICRO MAX Range batteries incorporate the industry's latest advances in this class of batteries, making them ideal for a variety of applications.

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.

Innovative Features

- Optimized positive plate design for maximum service float life - 12 year design life @ 20˚C(68˚F).
- Nano-Carbon enhanced for improved durability.
- UL Recognized component.
- Valve regulated lead acid battery (VRLA).
- Extreme temperature High-Compression Absorbed Glass Mat technology (AGM) for greater than 99% recombination efficiency.
- Proprietary Fixed Orifice Plate Pasting technology applying active materials on both sides of the grid for consistent cell-to-cell performance, higher density & capacity and uniform grid protection.
- Advanced deep cycle high tin lead alloy, reduces grid corrosion and promotes long battery life.
- Over-sized, through the partition inter-cell welds provide low resistance connections, with minimal power loss.
- Flame arresting, low pressure safety release venting system for individual cells, recognized per U.L. 924.
- Reinforced special high temperature ABS container and cover adopted.
- One-way relief valve, Explosion Resistant.
- Full 3-year free replacement warranty even temperature up to +60℃, 5+ years warranty optional.
- Better performance for high / low applications, extended service life for non-temperature controlled outdoor enclosures.

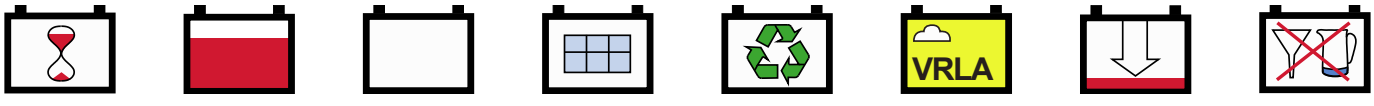
Applications:
Micro MAX Range VRLA batteries are designed for long life and high performance in:

Uninterrupted power supplies	Power tools
Security & fire alarm systems	Medical equipment
Laboratory & test equipment	Consumer electronics
Monitoring equipment	Portable equipment
Telecom equipment	Toys and hobbies
Emergency lighting	Marine instruments

Specifications:

Nominal voltage	6 & 12 volts
Grid alloy	Lead Tin alloy
Plates	Flat pasted
Container/cover	ABS resin (flame retardant V-0 on request)
Terminal	Faston Tab No.187 & 250, Copper insert, Lead Flag Terminal
Electrolyte	Diluted sulfuric acid
Specific	1.300
Charge voltage	Float 2.25-2.30 VPC,
Cycling	2.40VPC @20˚C
Vent	Self sealing (2 PSI operation)

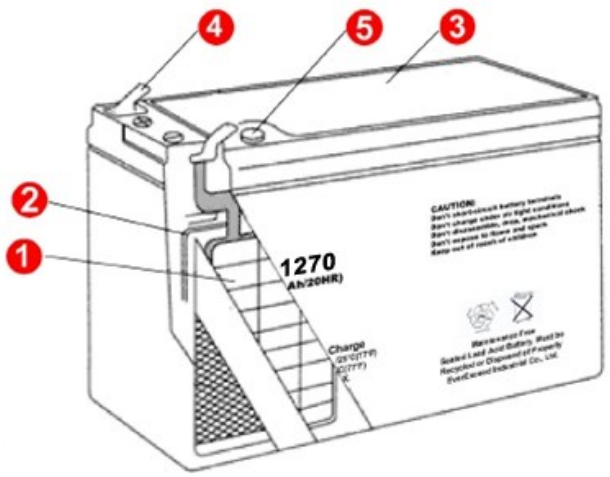
ISO 9001 14001 CE UL IEC



CONSTRUCTION - The EverExceed MICRO MAX Range battery construction is as shown in the diagram below. The positive and negative grids are cast from a calcium / tin lead alloy to reduce grid growth and corrosion. The active material is manufactured from high purity lead (99.9999%) to minimize the negative effects of impurities.

The EverExceed MICRO MAX Range battery separator is top quality mat of random woven acid resistant glass fibres, which acts as sponge - soaking up and immobilizing the electrolyte whilst maintaining good acid to plate contact and availability during discharge. “U wrapping” is employed to eliminate the risk of short circuits due to mossing and debris at the bottom of the cell.

The purpose of the separator is to maintain a constant distance between the positive and negative plates, thus removing the possibility of short circuits whilst allowing the active material to fully react with the electrolyte. The random weaving also results in an open structure, which offers minimal resistance to the flow of electrolyte during filling.



❶**Plates:** High Tin Pb alloy, optimized for high corrosion resistance.

❷**Separator:** Highly porous glass micro-fibre separator, optimized for low
internal resistance, for maximum Absorption of the electrolyte and for
electrical separation.

❸**Standard housing：** Reinforced special high temperature resistant ABS container and cover adopted.

❹**Terminals:** Silver plated Copper female insert for easy and safe assembly and maintenance free connection with excellent conductivity.

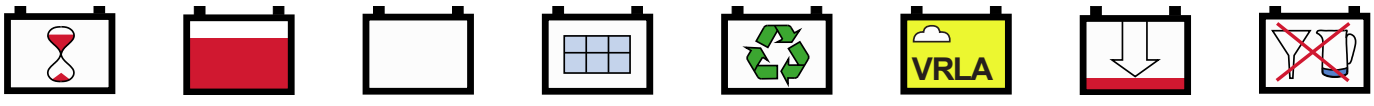
❺**Valves:** Release gas in case of excess pressure and protects the cell against atmosphere.

ELECTROLYTE FILLING - Special production and stringent QC systems are utilized to ensure the electrolyte saturation is optimized for each cell. Measured high vacuum acid fill, reduces electrical variability between cells. The battery design and construction negates the need for electrolyte addition and the battery remains maintenance free throughout its design life.

SAFETY RELEASE VALVE - The battery will operate above atmospheric pressure under normal operating conditions, however the maximum pressure is governed by the safety one-way release valve. Open is activated by pressures in excess of approx. 2 PSI (14 Kpa), resealing at approx. 1.2 PSI (8.4Kpa).

GAS RECOMBINATION - The gasses generated during normal operation of the battery are internally recombined. In fact more than 99% of the gas achieves recombination.

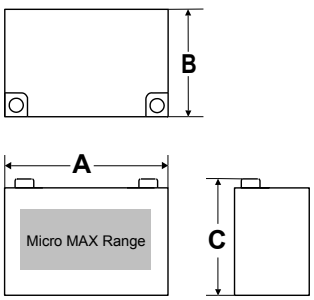
TERMINAL CONSTRUCTION - The contact quality between the terminal and the lead post is of vital importance during short duration / high Amp discharges. Elevated terminal temperatures are the result of poor contact, eventually causing seal degradation and electrolyte leaks. EverExceed’s design and assembly technique for terminal casting ensures trouble free operation for the design life of the battery;



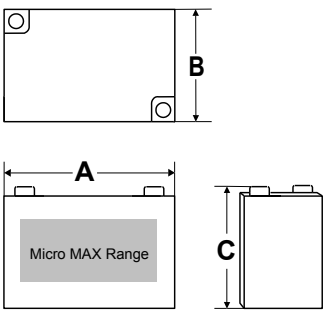
EverExceed Micro Max Range Electrical Specifications & Dimensions

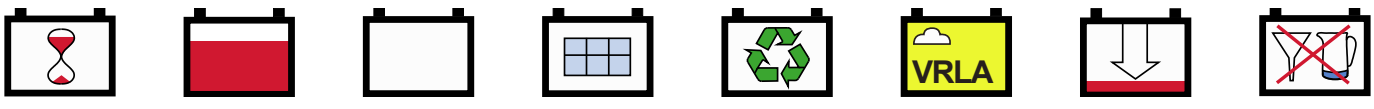
General Specifications								
Model No.	Nominal Voltage (V)	Rated Capacity 20hr Rate (Ah)	Outline Dimensions (mm/inch)				Weight (Approx.) (kg/lb)	Terminal Type
			Length	Width	Height	Total Height		
RM 6-7.2	6	7.2	151/5.95	34/1.34	94/3.70	98/3.86	1.32/2.91	Faston Tab No. 187
RM 6-8.5	6	8.5	98/3.86	56/2.21	118/4.65	118/4.65	1.60/3.53	Faston Tab No. 187
RM 6-10	6	10	151/5.95	51/2.01	94/3.70	98/3.86	2.00/4.41	Faston Tab No. 187
RM 6-12	6	12	151/5.95	50/2.01	94/3.70	98/3.86	2.25/4.96	Faston Tab No. 250
RM 12-7.2	12	7.2	151/5.95	65/2.56	94/3.70	98/3.86	2.60/5.73	Faston Tab No. 187
RM12-7.2hr	12	7.2hr	151/5.95	65/2.56	94/3.70	98/3.86	2.65/5.84	Faston Tab No. 250
RM 12-9	12	7.2hr	151/5.95	65/2.56	94/3.70	98/3.86	2.80/6.17	Faston Tab No. 250
RM 12-10	12	10	151/5.95	98/3.86	94/3.70	100/3.94	4.10/9.04	Faston Tab No. 250
RM 12-12	12	12	151/5.95	98/3.86	94/3.70	100/3.94	4.20/9.26	Faston Tab No. 250
RM12-12hr	12	12hr	151/5.95	98/3.86	94/3.70	100/3.94	4.25/9.37	Faston Tab No. 250
RM 12-15	12	15	181/7.13	76/2.99	167/6.58	167/6.58	5.62/12.39	Flag or Insert
RM 12-18	12	18	181/7.13	76/2.99	167/6.58	167/6.58	5.90/13.01	Flag or Insert
RM12-18hr	12	18hr	181/7.13	76/2.99	167/6.58	167/6.58	6.00/13.23	Flag or Insert
RM 12-20	12	20	181/7.13	76/2.99	167/6.58	167/6.58	6.20/13.67	Flag or Insert
RM 12-26A	12	26	166/6.54	175/6.90	126/4.96	126/4.96	9.20/20.29	Flag or Insert
RM 12-26B	12	26	166/6.54	126/4.96	175/6.90	180/7.09	9.20/20.29	Flag or Insert
RM 12-28	12	28	166/6.54	175/6.90	126/4.96	126/4.96	9.40/20.73	Flag or Insert
RM 12-40	12	40	197/7.76	165/6.50	172/6.78	172/6.78	13.50/29.78	Flag or Insert
RM 12-44	12	44	197/7.76	165/6.50	172/6.78	172/6.78	13.80/30.43	Flag or Insert
RM 12-65	12	65	350/13.79	168/6.62	178/7.01	178/7.01	22.30/49.17	Flag or Insert

RM-1233
RM-1240
RM-1255
RM-1270
RM-1280
RM-1290
RM-12100
RM-12110
RM-12120
RM-12135
RM-12150
RM-12160
RM-12180
RM-12200
RM-12230
RM-12250



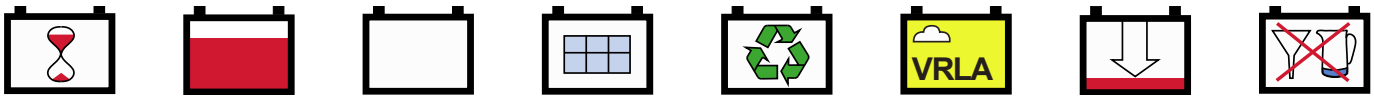
RM-6120
RM-6150
RM-6180
RM-6200
RM-6230





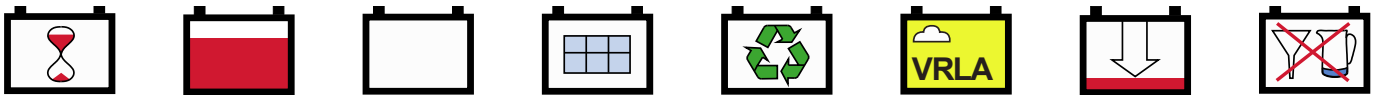
EverExceed Micro Max Range Electrical Specifications

Electrical Specifications									
Model No.	Nominal Voltage (V)	Ampere Hour Capacity @20°C (68°F)					Internal Resistance (milliohms)	Maximum Charge Amps	Maximum Discharge Amps (5 seconds)
		20Hr Rate 1.75VPC	10Hr Rate 1.75VPC	5Hr Rate 1.70VPC	3Hr Rate 1.70VPC	1Hr Rate 1.55VPC			
RM 6-7.2	6	7.20	6.60	5.95	5.25	4.30	15.0	1.80	105
RM 6-8.5	6	8.50	8.00	6.90	6.20	4.90	15.0	2.13	115
RM 6-10	6	10.0	9.60	8.80	8.24	7.50	10.0	2.50	120
RM 6-12	6	12.0	11.5	10.5	9.60	9.00	10.0	3.00	180
RM 12-5hr	12	5.0hr	5.25	4.65	4.20	3.96	35.0	1.25	75
RM 12-7.2	12	7.20	6.60	5.95	5.25	4.30	25.0	1.80	105
RM12-7.2hr	12	7.20hr	7.48	6.61	6.04	5.26	22.0	1.80	105
RM 12-9	12	9.00	8.62	7.88	7.20	6.75	21.0	2.30	110
RM 12-10	12	10.0	9.60	8.80	8.24	7.50	20.0	2.50	120
RM 12-12	12	12.0	11.5	10.5	9.60	9.00	20.0	3.00	180
RM12-12hr	12	12.0hr	12.5	11.2	10.6	8.78	18.0	3.00	180
RM 12-15	12	15.0	14.2	12.5	11.3	10.0	16.0	3.75	220
RM 12-18	12	18.0	17.0	15.0	14.3	12.0	14.0	4.50	250
RM12-18hr	12	18.0hr	18.7	16.5	16.1	13.2	12.0	4.50	250
RM 12-20	12	20.0	18.9	16.8	16.3	13.5	10.0	5.00	260
RM 12-26A	12	26.0	24.5	22.5	20.7	16.0	10.0	6.50	290
RM 12-26B	12	26.0	24.5	22.5	20.7	16.0	10.0	6.50	290
RM 12-28	12	28.0	26.4	24.2	21.9	17.2	9.00	7.00	300
RM 12-40	12	40.0	37.1	33.1	29.1	24.0	7.50	10.0	490
RM 12-44	12	44.0	40.7	36.3	32.9	26.4	6.00	11.0	500
RM 12-65	12	65.0	60.5	53.6	46.0	39.0	5.50	16.3	800



EverExceed Micro Max Range Discharge Amperes Data @ 20ºC (68ºF)

Model No.	Final VPC	Discharge Data Time in minutes											
		5	10	15	20	25	30	45	60	90	120	180	240
RM 6-7.2	1.80	22.6	16.0	12.0	9.58	8.14	7.70	6.14	4.85	3.30	2.64	1.78	1.56
	1.75	25.1	17.2	13.0	9.94	8.57	8.12	6.28	4.91	3.38	2.69	1.81	1.59
	1.67	28.4	18.7	13.7	10.3	8.78	8.5	6.41	5.01	3.41	2.72	1.81	1.59
RM 6-8.5	1.80	26.7	18.9	14.2	11.3	9.61	9.10	7.25	5.72	3.90	3.11	2.10	1.84
	1.75	29.7	20.3	15.3	11.7	10.2	9.80	7.41	5.80	3.99	3.18	2.13	1.88
	1.67	33.6	22.1	16.2	12.2	10.5	10.1	7.57	5.92	4.03	3.21	2.14	1.88
RM 6-10	1.80	31.4	22.2	16.7	13.3	11.3	10.7	8.53	6.73	4.59	3.66	2.47	2.16
	1.75	34.9	23.9	18.0	13.8	12.5	12.0	8.72	6.82	4.69	3.74	2.51	2.21
	1.67	39.5	26.0	19.0	14.3	12.9	12.3	8.90	6.96	4.74	3.78	2.52	2.21
RM 6-12	1.8	37.8	26.7	20.2	16.1	15	14.1	10.3	8.11	5.53	4.41	2.98	2.60
	1.75	42.1	28.7	21.6	16.6	15.5	14.4	10.5	8.22	5.63	4.50	3.03	2.66
	1.67	47.6	31.3	22.9	17.3	16.6	14.7	10.7	8.39	5.71	4.55	3.05	2.66
RM 12-7.2	1.80	22.6	16.0	12.0	9.58	8.14	7.70	6.14	4.85	3.3	2.64	1.78	1.56
	1.75	25.1	17.2	13	9.94	8.57	8.12	6.28	4.91	3.38	2.69	1.81	1.59
	1.67	28.4	18.7	13.7	10.3	8.78	8.50	6.41	5.01	3.41	2.72	1.81	1.59
RM12-7.2hr	1.80	31.0	20.7	15.2	12.3	10.1	9.33	5.98	5.16	3.38	2.68	2.03	1.53
	1.75	33.8	22.1	15.8	12.6	10.6	10.0	6.26	5.32	3.47	2.77	2.06	1.57
	1.67	38.2	24.1	16.8	13.1	10.9	10.2	6.38	5.44	3.51	2.80	2.09	1.57
AM 12-9	1.80	28.4	20.0	15.4	12.1	11.3	10.6	7.73	6.08	4.15	3.31	2.24	1.95
	1.75	31.6	21.5	16.2	12.5	11.6	10.8	7.88	6.17	4.22	3.38	2.27	1.98
	1.67	35.7	23.5	17.2	13.0	12.5	11.0	8.03	6.29	4.28	3.41	2.29	2.00
RM 12-10	1.80	31.5	22.3	16.8	13.4	11.3	10.8	8.58	6.76	4.61	3.68	2.48	2.17
	1.75	35.1	24.8	18.0	13.8	12.5	12.0	8.75	6.85	4.71	3.75	2.53	2.22
	1.67	39.7	26.1	19.1	14.4	12.3	12.3	8.92	6.99	4.76	3.79	2.52	2.21
RM 12-12	1.80	37.8	26.7	20.2	16.1	15.0	14.1	10.3	8.11	5.53	4.41	2.98	2.60
	1.75	42.1	28.7	21.6	16.6	15.5	14.4	10.5	8.22	5.63	4.50	3.03	2.66
	1.67	47.6	31.3	22.9	17.3	16.6	14.7	10.7	8.39	5.71	4.55	3.05	2.66
RM12-12hr	1.80	41.0	28.9	21.8	17.4	14.6	12.1	11.0	8.52	5.70	4.53	3.05	2.65
	1.75	45.7	32.2	23.3	17.9	15.4	12.6	11.2	8.63	5.83	4.62	3.11	2.71
	1.67	51.6	33.9	24.7	18.6	15.8	12.9	11.4	8.81	5.89	4.67	3.12	2.71



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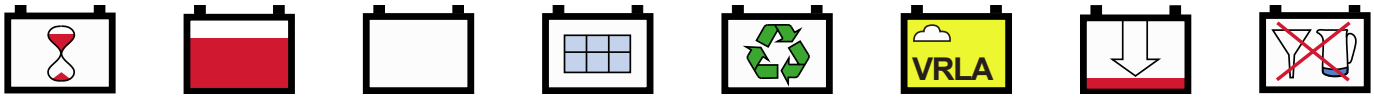
power your applications

EverExceed Micro Max Range Discharge Amperes Data @ 20ºC (68ºF)

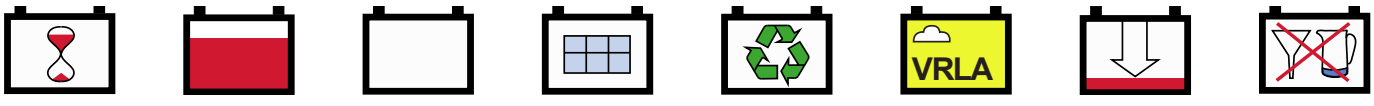
Model No.	Final VPC	Discharge Data Time in minutes											
		5	10	15	20	25	30	45	60	90	120	180	240
RM 12-15	1.80	45.7	33.2	26.1	21.7	17.6	14.5	12.9	9.67	7.30	5.96	3.64	2.99
	1.75	51.2	34.9	28.8	23.2	18.4	15.2	13.8	10.4	7.43	6.33	3.73	3.08
	1.67	58.3	38.1	30.6	24.1	18.9	15.5	14.1	10.7	7.58	6.40	3.74	3.08
RM12-18	1.80	54.8	39.8	31.3	26.0	21.1	17.4	15.5	11.6	8.76	7.15	4.37	3.59
	1.75	61.4	41.9	34.6	27.8	22.1	18.2	16.6	12.5	8.91	7.60	4.47	3.69
	1.67	70.0	45.7	36.7	28.9	22.7	18.6	16.9	12.8	9.09	7.68	4.49	3.69
RM12-18hr	1.80	59.5	43.1	33.8	28.0	22.7	18.7	16.5	12.2	9.03	7.34	4.48	3.66
	1.75	66.6	45.3	37.4	30.0	23.8	19.5	17.7	13.1	9.19	7.80	4.58	3.76
	1.67	76.0	49.4	39.6	31.2	24.4	19.9	180	13.4	9.37	7.88	4.60	3.76
RM 12-20	1.80	60.9	44.2	34.8	28.9	23.4	19.3	17.2	12.9	9.73	7.94	4.86	3.99
	1.75	68.2	46.6	38.4	30.9	24.6	20.2	18.4	13.9	9.90	8.44	4.97	4.10
	1.67	77.8	50.8	40.8	32.1	25.2	20.7	18.8	14.2	10.1	8.53	4.99	4.10
RM 12-26A	1.80	75.4	54.7	43.8	38.8	33.1	27.2	18.4	15.2	10.4	9.72	6.53	4.81
	1.75	83.9	59.6	46.9	41.0	34.2	27.9	19.0	15.5	10.7	9.89	6.66	4.90
	1.67	94.6	65	49.7	42.7	35.3	28.7	19.4	15.8	10.8	10.1	6.67	4.90
RM 12-26B	1.80	75.4	54.7	43.8	38.8	33.1	27.2	18.4	15.2	10.4	9.72	6.53	4.81
	1.75	83.9	59.6	46.9	41.0	34.2	27.9	19.0	15.5	10.7	9.89	6.66	4.90
	1.67	94.6	65	49.7	42.7	35.3	28.7	19.4	15.8	10.8	10.1	6.67	4.90
RM 12-28	1.80	88.0	63.8	51.1	45.3	38.6	31.7	21.5	17.8	12.1	11.3	7.62	5.61
	1.75	97.9	69.5	54.7	47.9	39.9	32.5	22.2	18.1	12.4	11.5	7.77	5.72
	1.67	110	75.9	58.0	49.8	41.1	33.5	22.6	18.5	12.6	11.7	7.78	5.72
RM 12-40	1.80	108	79.5	63.9	53.6	46.1	40.6	29.2	21.4	16.0	13.8	9.09	7.51
	1.75	114	83.7	67.3	56.3	48.5	42.7	30.7	22.4	16.8	14.5	9.55	7.91
	1.67	128	90.9	71.3	58.6	50.0	43.6	31.4	23.1	17.1	14.7	9.63	7.91
RM 12-44	1.80	119	87.4	70.3	58.9	50.7	44.7	32.1	23.5	17.6	15.2	10.0	8.26
	1.75	125	92.0	74.0	62.0	53.4	47.0	33.8	24.7	18.5	16.0	10.5	8.70
	1.67	141	100	78.4	64.5	55	47.9	34.5	25.3	18.7	16.2	10.6	8.70
RM 12-65	1.80	138	109	96.4	77.8	67.7	57.5	41.4	34.9	25.5	22.0	14.5	12.0
	1.75	154	123	105	81.8	71.3	60.8	43.7	37.1	26.6	23.0	15.2	12.5
	1.67	170	134	111	84.9	72.0	61.2	44.0	37.9	27.3	23.6	15.4	12.7

Actual battery performance data may be±5% of figures shown above.



EverExceed Micro Max Range Discharge Watts Per Cell (WPC) Data @ 25ºC (77ºF)

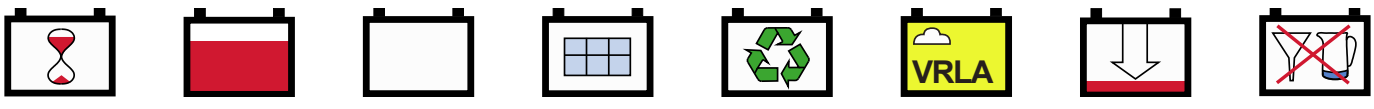
Model No.	Final VPC	Discharge Data Time in minutes											
		5	10	15	20	25	30	45	60	90	120	180	240
RM 6-7.2	1.80	44.2	29.7	20.6	16.6	13.7	12.7	8.16	7.33	4.93	3.96	3.04	2.32
	1.75	48.2	30.9	21.2	17.1	14.2	13.5	8.48	7.54	5.06	4.08	3.06	2.35
	1.67	49.8	33.4	23.3	18.5	15.1	14.3	8.96	7.84	5.19	4.19	3.17	2.38
RM 6-8.5	1.80	52.2	35.0	24.4	19.6	16.2	15.0	9.63	8.65	5.82	4.68	3.59	2.74
	1.75	56.9	36.5	25.0	20.2	16.7	16.0	10.0	8.90	5.98	4.82	3.61	2.78
	1.67	58.8	39.4	27.5	21.8	17.9	16.9	10.6	9.26	6.13	4.95	3.74	2.81
RM 6-10	1.80	59.1	41.8	31.6	25.1	21.3	18.7	16.1	12.8	8.83	7.06	4.81	4.23
	1.75	64.1	43.8	32.9	25.3	21.8	19.4	16.2	12.9	8.92	7.12	4.84	4.28
	1.67	72.3	47.3	34.6	26.1	22.2	19.7	16.3	13.1	9.08	7.17	4.87	4.31
RM 6-12	1.80	70.9	50.2	37.9	30.1	25.6	22.4	19.3	15.4	10.6	8.47	5.77	5.07
	1.75	76.9	52.5	39.5	30.3	26.1	23.3	19.4	15.5	10.7	8.54	5.81	5.14
	1.67	86.8	56.7	41.5	31.3	26.6	23.6	19.6	15.7	10.9	8.60	5.84	5.17
RM 12-7.2	1.80	44.2	29.7	20.6	16.6	13.7	12.7	8.16	7.33	4.93	3.96	3.04	2.32
	1.75	48.2	30.9	21.2	17.1	14.2	13.5	8.48	7.54	5.06	4.08	3.06	2.35
	1.67	49.8	33.4	23.3	18.5	15.1	14.3	8.96	7.84	5.19	4.19	3.17	2.38
RM 12-7.2hr	1.80	58.1	38.9	27.8	21.9	18.1	16.8	10.9	9.58	6.36	5.09	3.90	2.96
	1.75	63.5	40.4	28.7	22.5	18.6	17.8	11.3	9.85	6.59	5.24	3.92	3.01
	1.67	71.7	43.7	31.5	24.2	19.8	18.9	12.0	10.3	6.70	5.38	4.06	3.05
AM 12-9	1.80	53.2	37.7	27.6	22.0	18.7	17.0	14.1	11.4	7.80	6.28	4.29	3.77
	1.75	59.3	39.4	29.4	22.6	19.4	17.3	14.4	11.6	7.95	6.38	4.33	3.83
	1.67	67.1	42.5	32.3	24.3	20.7	18.0	15.1	11.9	8.18	6.56	4.40	3.89
RM 12-10	1.80	59.1	41.8	31.6	25.1	21.3	18.7	16.1	12.8	8.83	7.06	4.81	4.23
	1.75	64.1	43.8	32.9	25.3	21.8	19.4	16.2	12.9	8.92	7.12	4.84	4.28
	1.67	72.3	47.3	34.6	26.1	22.2	19.7	16.3	13.1	9.08	7.17	4.87	4.31
RM 12-12	1.80	70.9	50.2	36.8	29.3	24.9	22.7	18.8	15.1	10.4	8.37	5.72	5.02
	1.75	79.0	52.5	39.2	30.1	25.9	23.1	19.0	15.3	10.6	8.51	5.77	5.11
	1.67	89.4	56.7	43.1	32.4	27.6	24.0	20.1	15.9	10.9	8.74	5.87	5.19
RM 12-12hr	1.80	74.7	52.7	39.7	30.9	26.3	23.9	20.1	15.8	10.7	8.60	5.86	5.13
	1.75	83.2	55.0	42.5	31.6	27.2	24.4	20.3	16.0	11.0	8.75	5.91	5.23
	1.67	94.1	59.4	46.6	34.0	28.9	25.3	21.5	16.6	11.2	8.98	6.02	5.31
RM 12-15	1.80	85.0	60.7	47.6	38.6	32.0	28.9	23.6	18.1	13.0	11.3	6.92	5.78
	1.75	95.8	63.7	52.2	41.9	33.3	30.3	25.0	19.4	14.0	12.0	7.10	5.90
	1.67	108	68.8	57.3	45.2	35.5	32.4	26.4	20.2	14.5	12.3	7.22	6.00

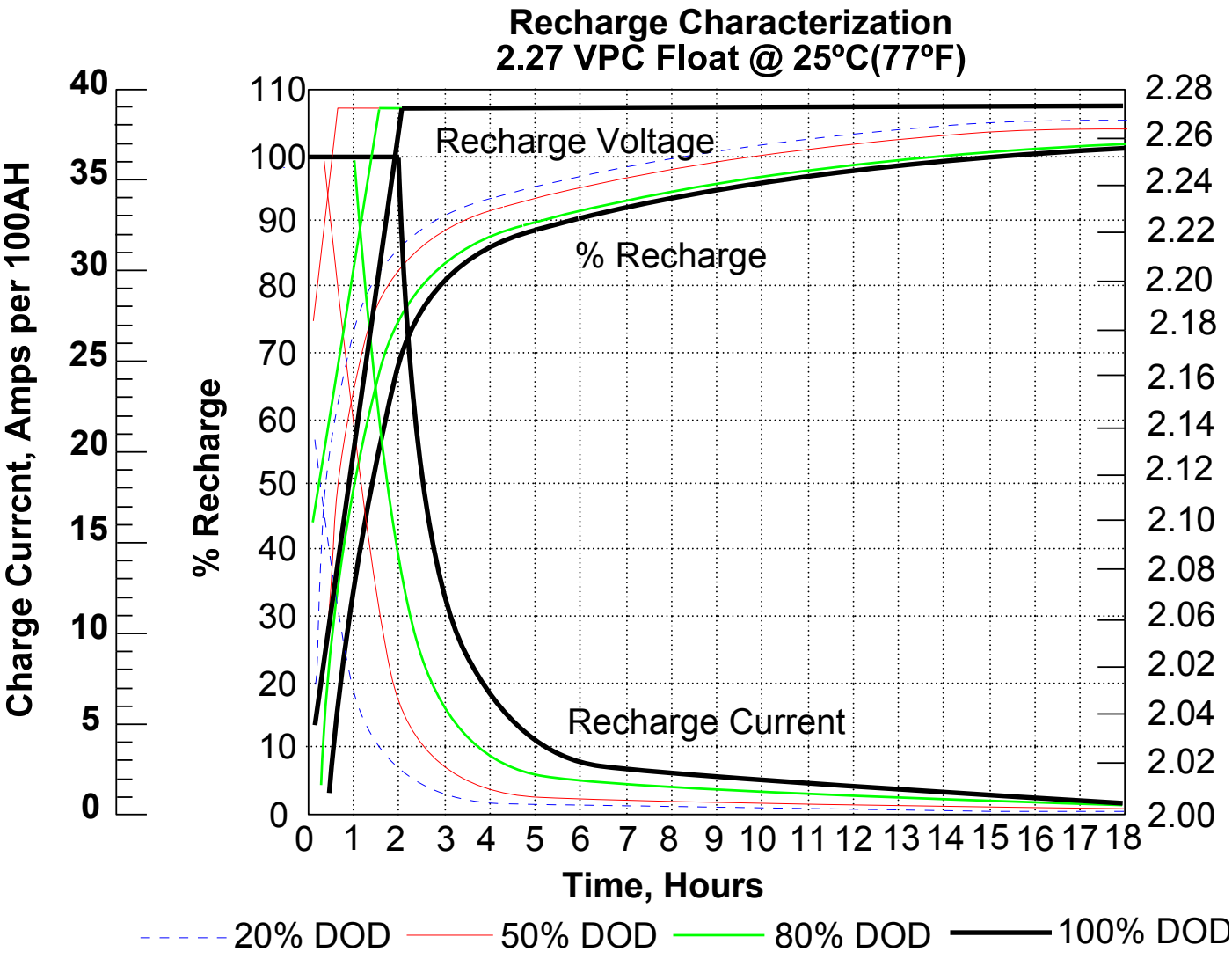


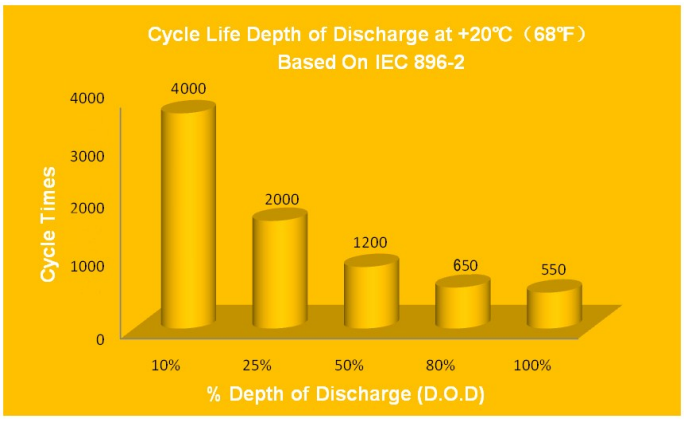
EverExceed Micro Max Range Discharge Watts Per Cell (WPC) Data @ 25ºC (77ºF)

Model No.	Final VPC	Discharge Data Time in minutes											
		5	10	15	20	25	30	45	60	90	120	180	240
RM 12-18	1.80	102	72.8	57.1	46.3	38.4	34.7	28.3	21.7	15.6	13.6	8.30	6.94
	1.75	115	76.4	62.6	50.3	39.9	36.4	30.0	23.3	16.8	14.4	8.52	7.08
	1.67	130	82.6	68.8	54.2	42.6	38.9	31.7	24.2	17.4	14.8	8.66	7.20
RM 12-18hr	1.80	107	76.4	61.6	48.8	40.6	36.5	29.7	22.7	16.1	14.0	8.50	7.09
	1.75	121	80	67.9	52.8	41.9	38.4	31.5	24.4	17.4	14.8	8.72	7.24
	1.67	137	86.5	74.4	56.9	44.6	41.0	33.3	25.3	17.9	15.2	8.88	7.37
RM 12-20	1.80	113	80.9	63.4	51.4	42.7	38.6	31.4	24.1	17.3	15.1	9.22	7.71
	1.75	128	84.9	69.6	55.9	44.3	40.4	33.3	25.9	18.7	16.0	9.47	7.87
	1.67	144	91.8	76.4	60.2	47.3	43.2	35.2	26.9	19.3	16.4	9.62	8.00
RM 12-26A	1.80	145	105	81.7	72.4	61.8	50.7	34.4	29.1	20.0	18.9	12.8	9.50
	1.75	161	112	86.8	76.0	63.4	51.6	35.2	30.4	20.4	19.2	12.9	9.59
	1.67	182	121	95.0	82.0	67.7	55.1	37.2	31.6	21.2	19.7	13.2	9.77
RM 12-26B	1.80	145	105	81.7	72.4	61.8	50.7	34.4	29.1	20	18.9	12.8	9.50
	1.75	161	112	86.8	76.0	63.4	51.6	35.2	30.4	20.4	19.2	12.9	9.59
	1.67	182	121	95.0	82.0	67.7	55.1	37.2	31.6	21.2	19.7	13.2	9.77
RM 12-28	1.80	169	122	95.3	84.5	72.1	59.1	40.1	34	23.3	22.1	15.0	11.1
	1.75	188	130	101	88.7	73.9	60.2	41.1	35.4	23.8	22.4	15.1	11.2
	1.67	212	141	111	95.7	79.0	64.3	43.4	36.9	24.7	23.0	15.4	11.4
RM 12-40	1.80	213	153	119	99.2	85.9	75.6	54.3	40.6	30.7	26.7	17.8	14.8
	1.75	218	156	124	104	89.7	78.9	56.8	42.6	32.2	28.0	18.6	15.5
	1.67	251	166	135	113	94.6	82.6	59.4	44.5	32.9	28.7	19.5	15.8
RM 12-44	1.80	229	164	128	107	92.6	81.5	58.6	43.8	33.1	28.8	19.2	16.0
	1.75	235	168	134	112	96.7	85.1	61.2	46.0	34.7	30.2	20.1	16.7
	1.67	270	179	145	122	102	89.2	64.0	48.0	35.5	31.0	20.9	17.0
RM 12-65	1.80	266	205	176	142	124	105	75.5	65.0	48.0	34.6	27.8	23.2
	1.75	290	224	190	148	129	110	79.1	69.0	50.0	43.5	28.9	24.0
	1.67	325	240	205	153	134	114	81.8	72.0	52.0	45.3	30.6	24.8

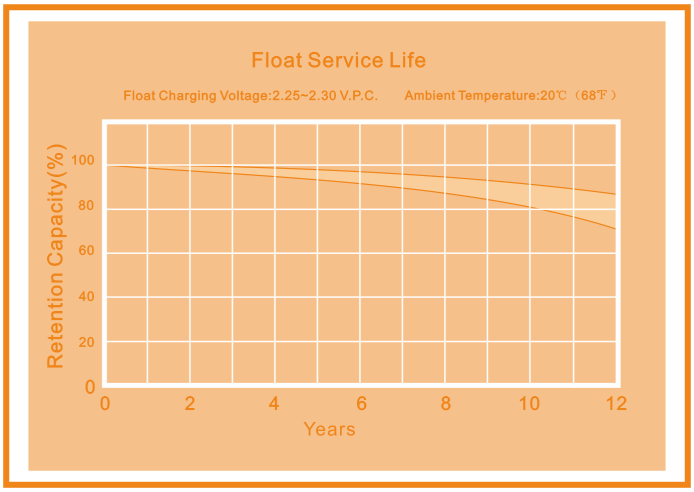
Actual battery performance data may be±5% of figures shown above.

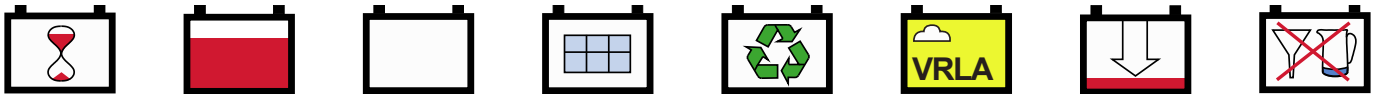






TYPICAL CYCLIC PERFORMANCE	
CAPACITY	CYCLES
100%	550
80%	650
50%	1200
25%	2000
10%	4000





Supplementary Charge

It may be necessary to give the batteries a re-fresh charge during the storage of the batteries, maximum recommended storage times are detailed below, if storage exceeds these times or the open circuit voltage of a battery being stored falls below 12.40 volts per battery (6.2 volts per battery) then it is recommended that the batteries be given a re-fresh charge immediately at 2.25-2.35 VPC for no less than 12 hours.

Storage Temperature	
20ºC (68ºF) or less	Every 9 months
20ºC (68ºF) – 30ºC (86ºF)	Every 6 months
30ºC (86ºF) – 40ºC (104ºF)	Every 3 months

In discharging a battery, lead sulphate (sulphation) is formed. If the battery is recharged as soon as discharging is completed then the lead sulphate is converted to active material and acid. However, on self-discharge the lead sulphate that is formed may not become reversible again. That is it cannot be recovered. The lower the voltage that a battery is allowed to fall to under self-discharge the more likely it is that the sulphate formation will not be able to reversed and the battery will be damaged beyond recovery.

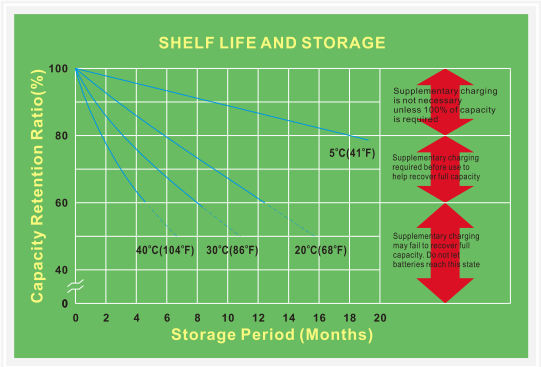
Precautions Against over Self-discharge

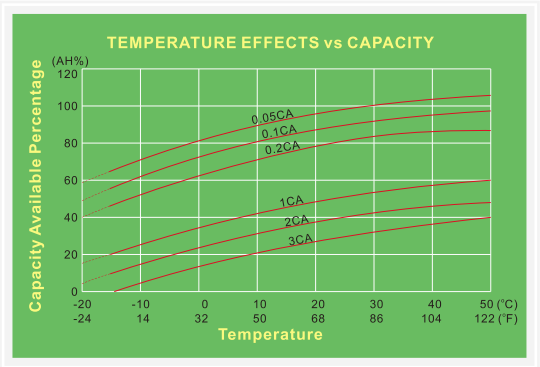
The batteries should be stored in a cool, dry place 25°C (77°F) or below.

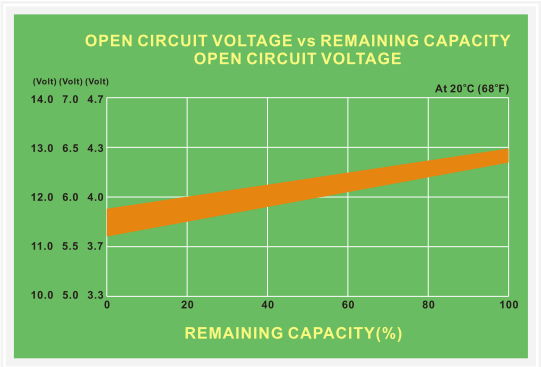
The batteries should not be stored in direct sunlight.

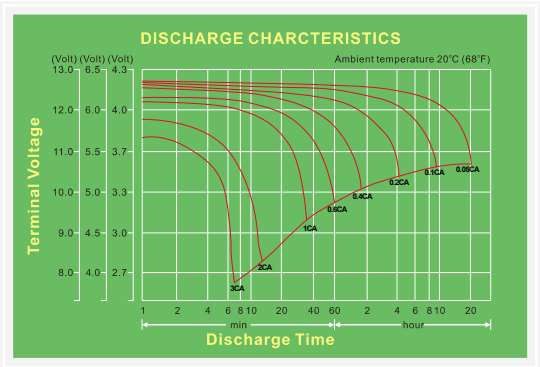
The batteries should not be subjected to an external heat source.

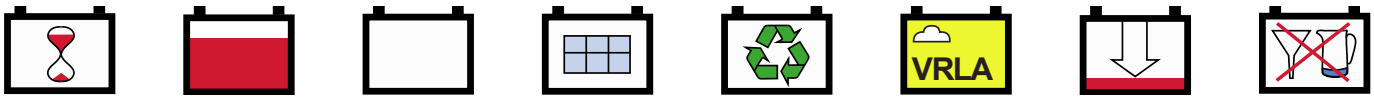
An adequate stock control system should be introduced.











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