6-EVF-125

Reguero Baterías
91-7973512

Product Features

Deep Cycle Series 400~600 Cycle Times @100%DOD		
↑10% Energy Density Patent negative pasting formula	↓50% Grid Corrosion Rare-earth patent alloy	0% Acid stratification Nano silica gel technology

Product Applications

Physical Specification

Model	Dimensions (mm/inch)				Weight (kg/lbs)	Terminal	Container
	Length	Width	Height	Total Height			
6-EVF-125	330/13.0	171/6.73	214/8.43	214/8.43	32.5/71.7	I7	ABS UL94-HB (Optional: FR ABS UL94-V0)

Product Specifications

Nominal Voltage	Rated Capacity25℃/77℃	Operating Temp.Range	Capacity Effected Temp	Capacity vs Storage Time
12V	125Ah 20hr Rate (1.80V/cell) 113Ah 10hr Rate (1.75V/cell) 106Ah 5hr Rate (1.75V/cell) 100Ah 3hr Rate (1.75V/cell)	Discharge:-15℃~50℃ (5℉~122℉) Charge:0℃~40℃ (32℉~104℉) Storage:-15℃~40℃ (5℉~104℉) Optimum:25℃±2℃ (77℉±5℉)	40℃ (104℉):106% 25℃ (77℉):100% 0℃ (32℉):85% -15℃ (5℉):72%	Three months : 90% Six months : 80% Nine months : 60%

Constant Current Discharge (A)@25℃ (77℉)

F.V/Time	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	134.0	95.5	76.5	43.8	31.0	24.47	20.00	17.02	13.12	10.75	6.04
1.80V/cell	138.8	98.3	78.9	45.3	32.1	25.19	20.78	17.65	13.50	11.02	6.25
1.75V/cell	142.5	102.0	81.8	48.1	33.3	26.09	21.25	18.02	13.89	11.25	6.37
1.70V/cell	146.0	104.7	84.6	48.9	34.1	27.00	22.13	18.90	14.22	11.54	6.51
1.67V/cell	149.0	108.0	87.6	49.4	34.5	27.25	22.63	19.00	14.53	11.74	6.57
1.60V/cell	153.0	111.2	89.4	51.1	35.7	28.06	23.12	19.56	14.89	12.13	6.62

Constant Power Discharge (W/cell)@25℃ (77℉)

F.V/Time	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	261.7	187.8	151.3	87.2	62.1	49.3	40.3	34.4	26.59	21.80	12.31
1.80V/cell	269.9	192.7	155.4	89.9	64.2	50.5	41.7	35.5	27.24	22.29	12.67
1.75V/cell	276.2	199.4	160.7	95.3	66.3	52.1	42.5	36.1	27.92	22.66	12.87
1.70V/cell	281.5	203.1	165.3	96.2	67.4	53.6	44.0	37.7	28.44	23.11	13.10
1.67V/cell	285.0	208.1	170.1	96.7	67.8	53.8	44.7	37.6	28.82	23.35	13.13
1.60V/cell	290.2	212.7	171.8	99.1	69.6	54.9	45.3	38.4	29.33	23.93	13.20

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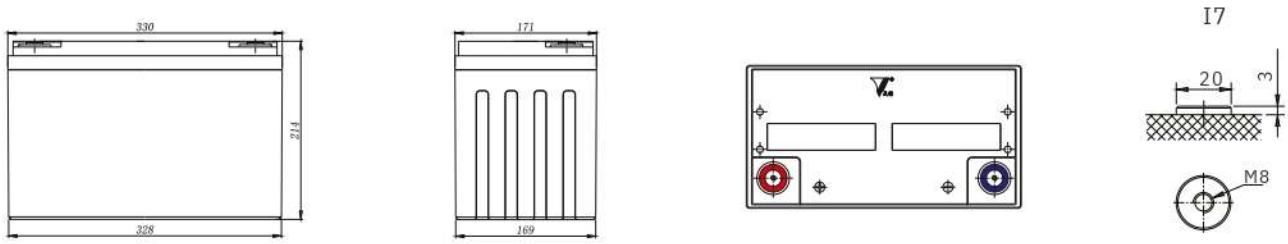
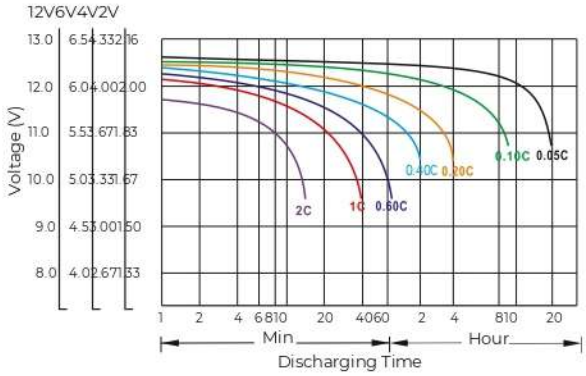
Battery Dimensions(mm)

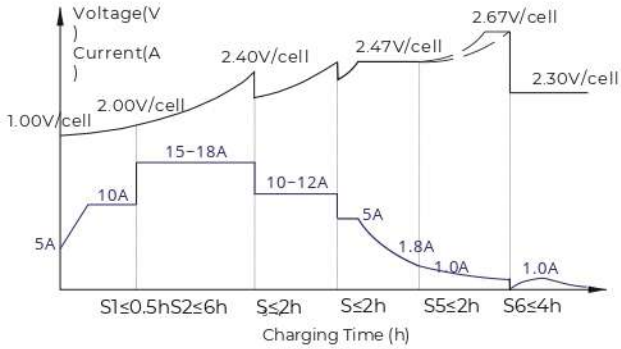


Electrical Characteristics

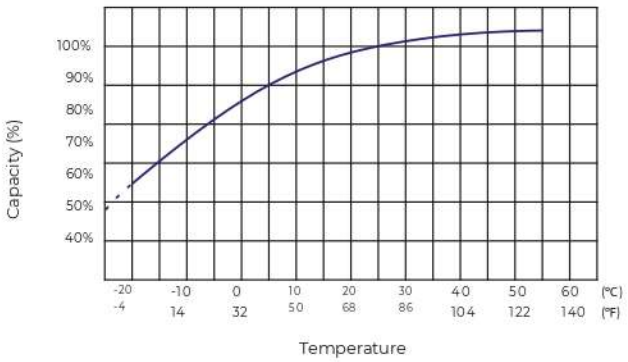
Discharging Characteristics@25℃(77℉)



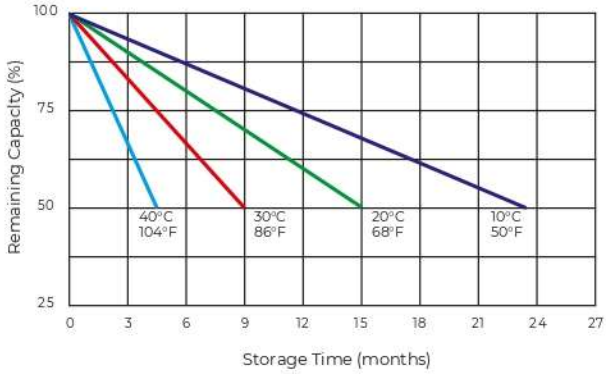
Charging Characteristics@25℃(77℉)



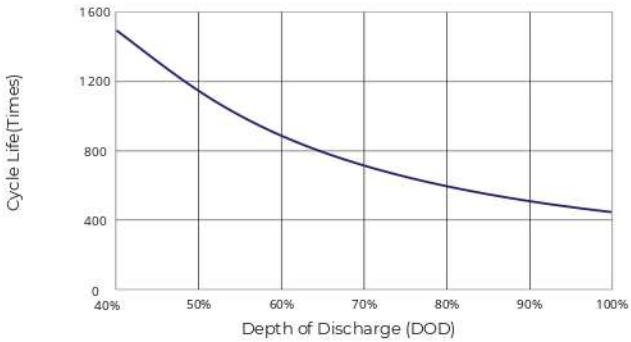
Capacity vs Temperature



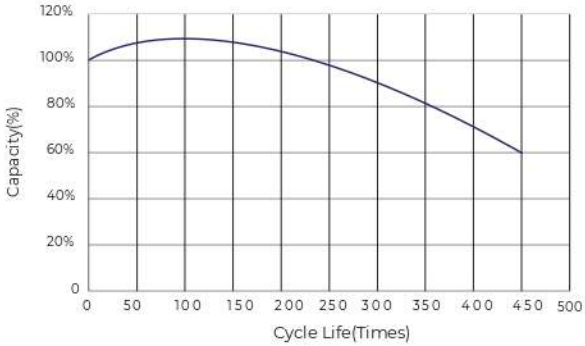
Self-discharge vs Time



Cycle Life vs Depth of Discharge@25℃(77℉)



Cycle Life vs Remaining Capacity@25℃(77℉)



Usage and Maintenance

Limited Current	Limited Voltage	Floating Voltage
Limited current: ≤0.2C3A	14.4V~14.8V@25 ℃ (77 ℉) Temp.Coefficient:-24mV/℃	13.5V~13.8V@25 ℃ (77 ℉) Temp.Coefficient:-18mV/℃