



AEC ITALIA **CATALOG**

2022



OZ POWER | 12V 9AH

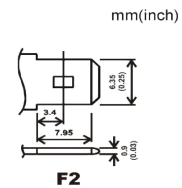
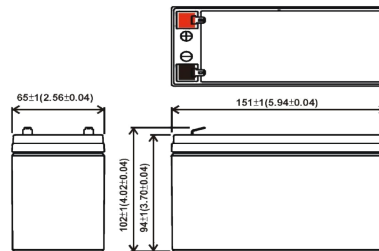
AGM SEALED LEAD BATTERY



TECHNICAL SPECIFICATIONS	
CELL PER UNIT	6
NOMINAL VOLTAGE	12
NOMINAL CAPACITY	9Ah@20Hour rate F.V(1.75/cell)
WEIGHT	Approx. 2.50Kg(5.51Lbs)
INTERNAL RESISTANCE	<18mΩ
TERMINAL TYPE	F2
MAX DISCHARGE CURRENT	130A
DESIGN LIFE	8-10 Years
MAX CHARGE CURRENT	2.7A
STAND BY	13.5-13.8V
CYCLE USE	14.4-15.0V
AMBIENT TEMPERATURE	Discharge: -15°C~50°C Charge: 0°C~40°C Storage: -15°C~40°C
CONTAINER MATERIAL	ABS, UL94-HB & 94V-0



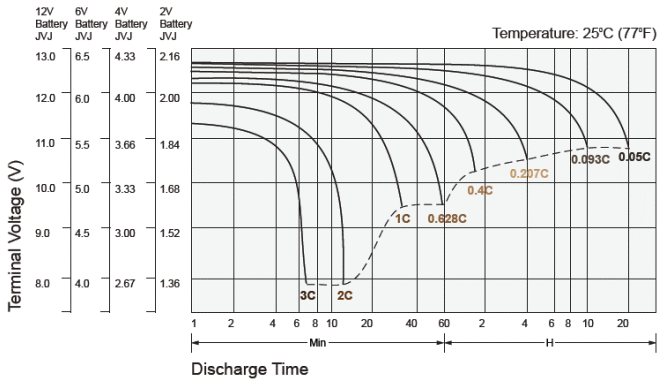
DIMENSIONS	
LENGTH	151±1.5 mm
WIDTH	65±1.5 mm
HEIGHT	94±1.5 mm
TOTAL HEIGHT	100±1.5 mm



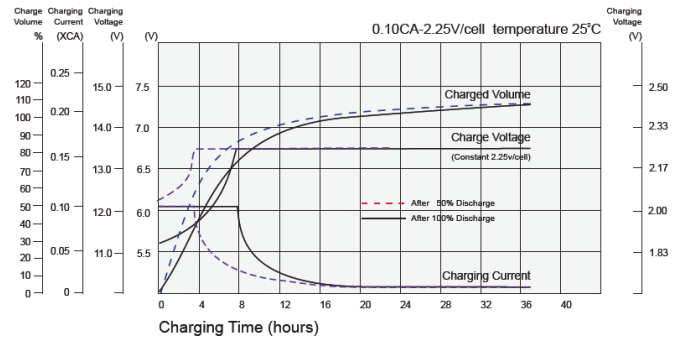
CONSTANT CURRENT DISCHARGE CHARACTERISTICS: A 25° C										
F.V/TIME	5 Min	10 Min	15 Min	30 Min	60 Min	2 Hours	3 Hours	5 Hours	10 Hours	20 Hours
1.60V	33	19	16.4	9.78	5.1	2.96	2.16	1.46	0.80	0.461
1.67V	30.8	18.5	15.6	8.9	5.08	2.89	2.13	1.44	0.79	0.452
1.70V	28	18.2	15	8.55	5.02	2.84	2.08	1.41	0.78	0.450
1.75V	25.5	17.5	14.3	8.24	4.92	2.76	2.04	1.93	0.76	0.450
1.80V	22.6	16	13.4	7.5	4.73	2.69	1.99	1.36	0.75	0.400

CONSTANT POWER DISCHARGE CHARACTERISTICS: W 25°										
F.V/TIME	5 Min	10 Min	15 Min	30 Min	60 Min	2 Hours	3 Hours	5 Hours	10 Hours	20 Hours
1.60V	384.0	249.6	192	110.4	62.4	28.7	23.7	16.1	9.0	4.71
1.67V	371	244.7	188.2	109.2	61.8	29.6	23.6	16.1	9.0	4.71
1.70V	355.7	239	184	107.8	61.1	29.4	23.4	16	8.9	4.70
1.75V	334.8	230.6	178.5	105.4	60.0	28.7	23.2	15.9	8.9	4.68
1.80V	289.2	212.9	170.6	101.5	58.2	27.8	22.7	15.7	8.8	4.59

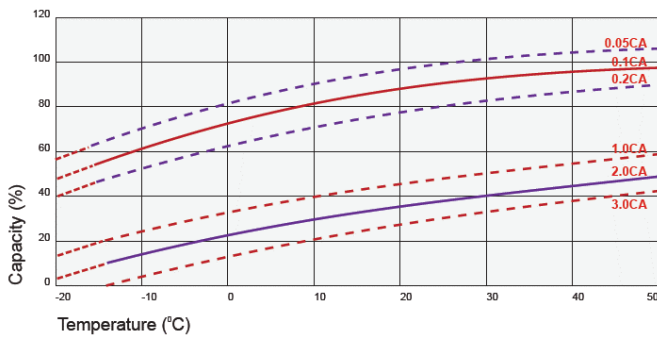
BATTERY DISCHARGE CHARACTERISTICS



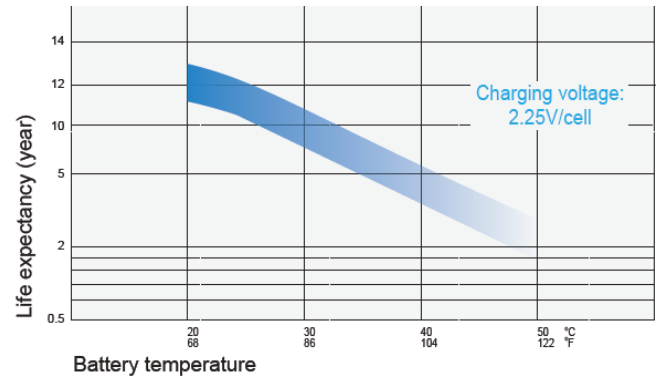
BATTERY CHARGE CHARACTERISTICS



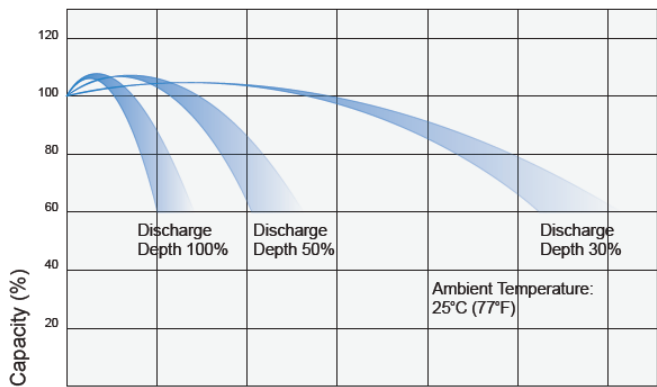
TEMPERATURE EFFECTS IN RELATION TO BATTERY CAPACITY



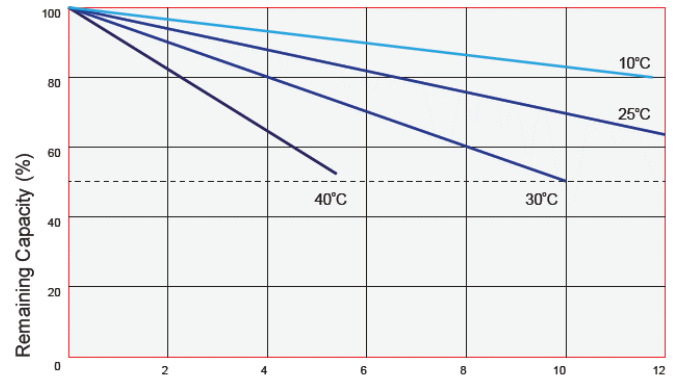
TEMPERATURE EFFECTS ON LONG TERM FLOAT LIFE



CYCLE SERVICE LIFE



SELF DISCHARGE CHARACTERISTICS



TECHNICAL SPECIFICATION

USE	CHARGE VOLTAGE V/CELL			MAX CHARGE CURRENT
	TEMP.	VALUE	RANGE	
CYCLE USE	25°C	2.45	2.40-2.50	0.25°C
STANDBY	25°C	2.275	2.25-2.30	



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