



M12260 SLD M

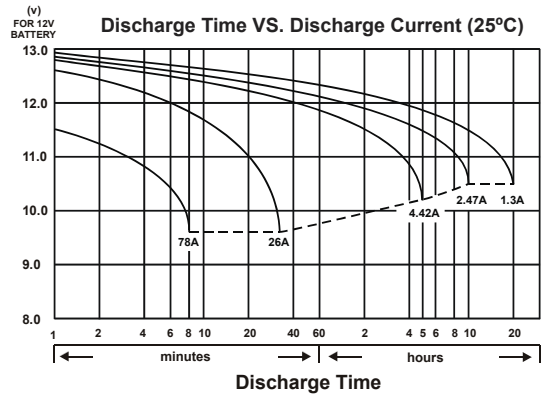
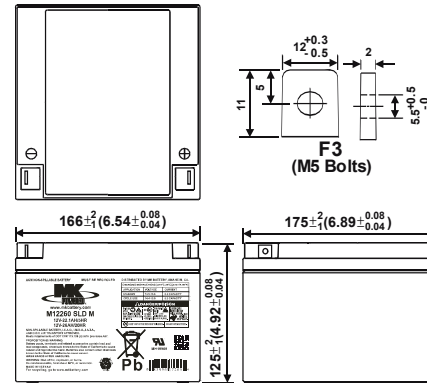
SPECIFICATIONS

Nominal Voltage (V)	12V
Nominal Capacity	
20 hour rate (1.3A to 10.50V)	26Ah
10 hour rate (2.47A to 10.50V)	24.7Ah
5 hour rate (4.42A to 10.20V)	22.1Ah
1C (26A to 9.60V)	14.73Ah
3C (78A to 9.60V)	10.4Ah
Weight	Approx. 20.5Lbs. (9.3kg)
Internal Resistance (at 1KHz)	Approx. 11 mΩ
Maximum Discharge Current for 5 seconds :	390A
Operating Temperature Range	
Charge	-15°C (5°F) to 40°C (104°F)
Discharge	-15°C (5°F) to 50°C (122°F)
Storage	-15°C (5°F) to 40°C (104°F)
Charge Retention (shelf life) at 20°C (68°F)	
1 month	92%
3 months	90%
6 months	80%
Charging Methods at 25°C (77°F)	
Cycle Use :	Charging Voltage 14.4 to 15.0V Maximum Charging Current : 7.8A Coefficient -5.0mv / °C / cell
Standby Use :	Float Charging Voltage 13.50 to 13.80V Coefficient -3.0mv / °C / cell
Case Material :	ABS UL94 HB
Terminal :	F3

Maintenance-Free Rechargeable Sealed Lead-Acid Battery



DIMENSIONS



MK Battery

1631 South Sinclair Street • Anaheim, California 92806

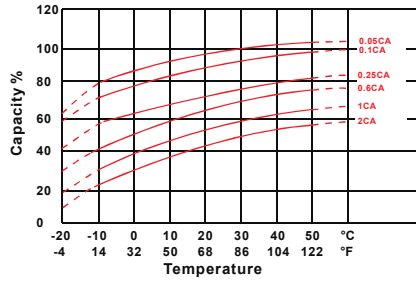
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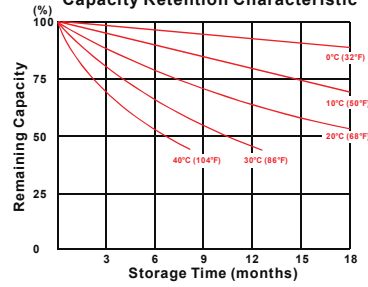


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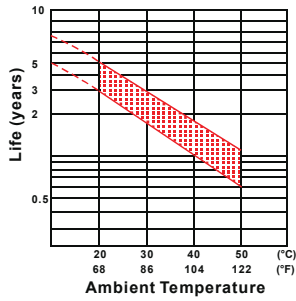
Effect of Temperature on Capacity 25°C (77°F)



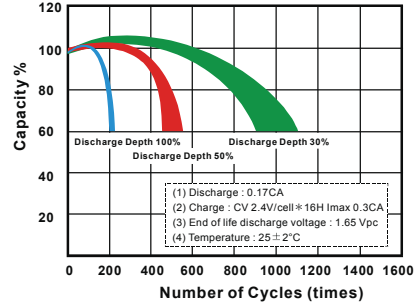
Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life



- PERFORMANCE DATA

Discharge Rates in Watts to Various End Voltages at 25°C (77°F)

Time	End Voltage	1.85V	1.80V	1.75V	1.70V	1.67V	1.65V	1.60V
5	min	134	157	170	177	183	189	194
10	min	104	114	119	124	129	131	133
15	min	75.6	88.5	95.6	98.9	101	103	104
30	min	42.3	45.3	47.2	48.7	49.7	50.5	51.3
60	min	29.6	30.8	31.8	32.4	33.0	33.5	33.9
120	min	18.8	19.4	19.8	20.2	20.5	20.7	20.9
180	min	12.5	12.9	13.1	13.3	13.5	13.7	14.0
240	min	10.1	10.3	10.5	10.6	10.8	10.9	11.0
300	min	8.59	8.77	8.91	8.96	8.99	9.01	9.02
600	min	4.80	4.90	4.94	4.97	4.99	5.01	5.03
1200	min	2.57	2.62	2.65	2.68	2.71	2.74	2.76

- Discharge Rates in Amperes to Various End Voltages at 25°C (77°F)

Time	End Voltage	1.85V	1.80V	1.75V	1.70V	1.67V	1.65V	1.60V
5	min	70.1	79.7	87.6	91.1	94.1	97.0	99.1
10	min	55.6	62.7	64.8	66.1	67.4	68.7	69.9
15	min	43.8	45.7	48.8	49.8	50.7	51.6	52.5
30	min	25.2	27.8	28.9	29.8	30.5	31.1	31.7
60	min	15.0	15.6	16.2	16.5	16.8	17.2	17.5
120	min	9.12	9.35	9.60	9.70	9.80	9.89	10.0
180	min	6.32	6.45	6.59	6.73	6.87	7.00	7.13
240	min	5.37	5.48	5.54	5.60	5.65	5.70	5.74
300	min	4.38	4.46	4.51	4.55	4.60	4.64	4.69
600	min	2.40	2.44	2.48	2.49	2.51	2.53	2.55
1200	min	1.27	1.29	1.32	1.33	1.34	1.35	1.36

All data on the spec. sheet is an average value:

The tolerance range : $X < 6\text{min}$ (+15%~-15%), $6\text{min} \leq X < 10\text{min}$ (+12%~-12%), $10\text{min} \leq X < 60\text{min}$ (+8%~-8%), $X \geq 60\text{min}$ (+5%~-5%)

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