

DATASHEET
SLC 9-12H
12V 9AH

AGM SEALED VRLA BATTERY
LONG LIFE 10 YEARS OF EXPECTED LIFETIME

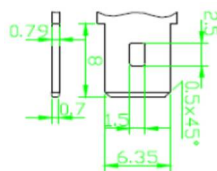
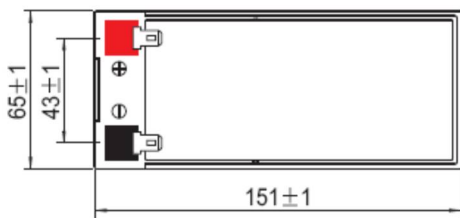
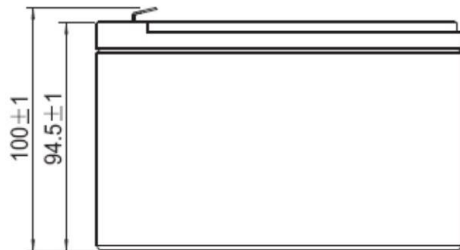
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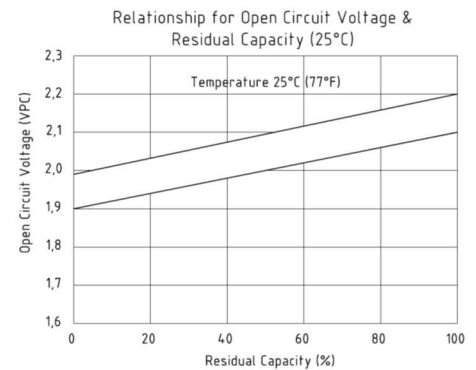
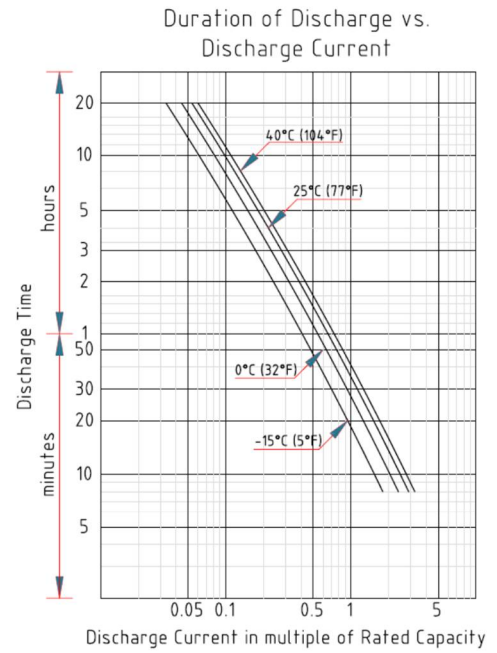
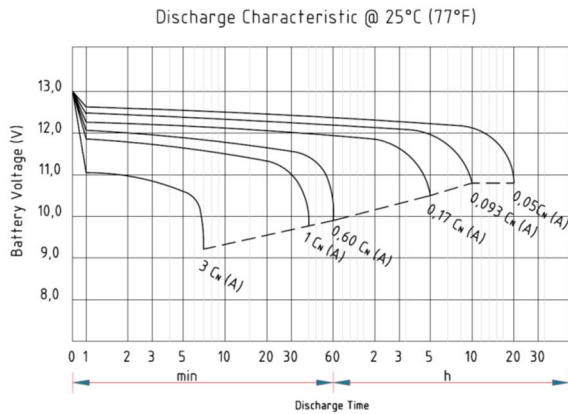
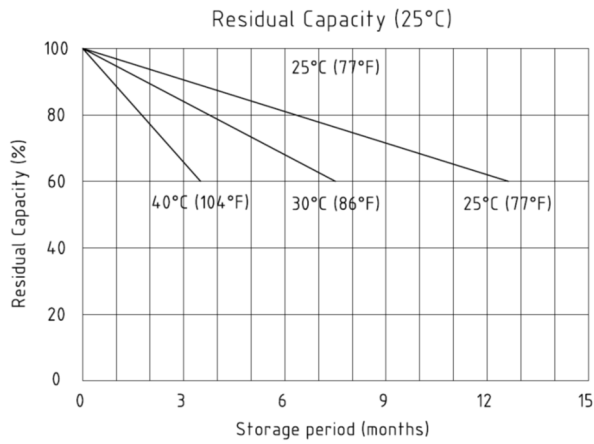
SPECIFICATIONS

Nominal Voltage	12V	
Nominal Capacity	9Ah	
Terminal	T2	
Approx. Weight	Approx 2,75 kg (6,06 lbs)	
Container Material	ABS UL94-V0	
Dimensions	Length	151 ± 1 mm (5,95 inches)
	Width	65 ± 1 mm (2,56 inches)
	Container Height	94,5 ± 1 mm (3,72 inches)
	Total Height (with terminal)	100 ± 1 mm (3,94 inches)
Rated Capacity	9 Ah	(20 hr, 1,80 V/cell, 25°C/77°F)
	8,2 Ah	(10 hr, 1,80 V/cell, 25°C/77°F)
	7,7 Ah	(5 hr, 1,75 V/cell, 25°C/77°F)
	5,8 Ah	(1 hr, 1,60 V/cell, 25°C/77°F)
Max. Discharge Current	135 A (5 s)	
Internal Resistance	Approx 18,0 mΩ	

Operating Temperature	Discharge	-20 ÷ 60°C (-4 ÷ 140°F)
	Charge	-10 ÷ 60°C (14 ÷ 140°F)
	Storage	-20 ÷ 60°C (-4 ÷ 140°F)

Nominal Operating Temp. Range	25 ± 3°C (77 ± 5°F)	
Cycle Use	Initial Charging Current less than 1,8 A Voltage	
	14,4 ÷ 15,0V at 25°C (77°F) Temperature Coefficient -30mV/°C	
Standby Use	No limit on Initial Charging Current Voltage	
	13,5 ÷ 13,8 V at 25°C (77°F) Temperature Coefficient -20mV/°C	
Capacity affected by Temperature	40°C (104°F)	103%
	25°C (77°F)	100%
	0°C (32°F)	86%
Self discharge	Enerpower SLC series batteries may be stored for up to 6 months at 25°C (77°F) and then a freshening charge is required. For higher temperatures the time interval will be shorter.	





Constant Current Discharge (Amperes)

at 25°C (77°F)

F.V / Time	5 min	10 min	15 min	30 min	1 h	3 h	5 h	10 h	20 h					
1,80V / cell	29,6	21,0	13,9	8,45	5,51	2,14	1,53	0,820	0,440					
1,75V / cell	30,3	22,1	14,6	8,91	5,66	2,20	1,54	0,820	0,450					
1,70V / cell	30,9	22,9	16,1	9,36	5,71	2,25	1,55	0,840	0,460					
1,65V / cell	32,1	23,6	16,5	9,79	5,75	2,29	1,56	0,860	0,460					
1,60V / cell	33,0	24,2	17,0	9,90	5,80	2,33	1,60	0,870	0,470					

Constant Power Discharge (Watts)

at 25°C (77°F)

F.V / Time	5 min	10 min	15 min	30 min	45min	1 h	2h	3 h	5 h					
1,80V / cell	58,00	39,20	28,40	16,60	12,20	10,40	5,77	3,92	2,85					
1,75V / cell	61,40	41,10	30,20	17,60	12,90	10,70	5,94	4,08	2,92					
1,70V / cell	64,80	42,90	31,10	18,50	13,70	11,00	6,08	4,20	2,98					
1,65V / cell	68,30	44,30	33,10	19,10	14,20	11,20	6,23	4,29	3,04					
1,60V / cell	71,70	44,80	33,60	19,60	14,50	11,50	6,30	4,34	3,10					