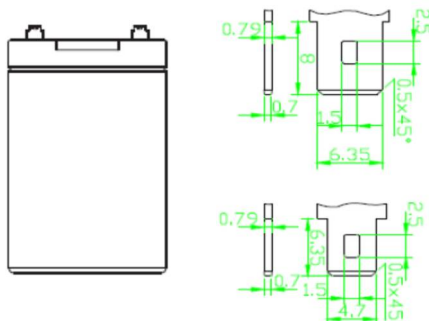
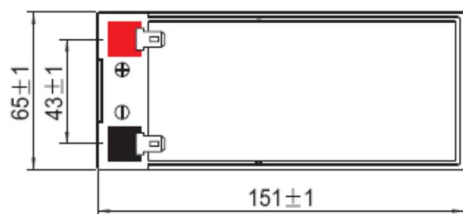
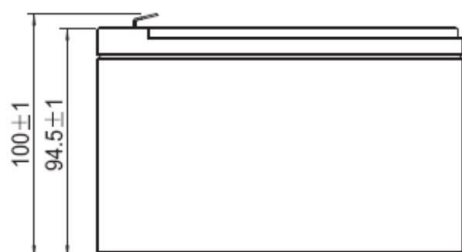


DATASHEET
SLC 7-12A
12V 7AH

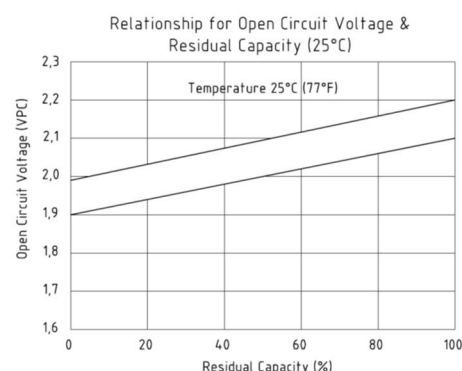
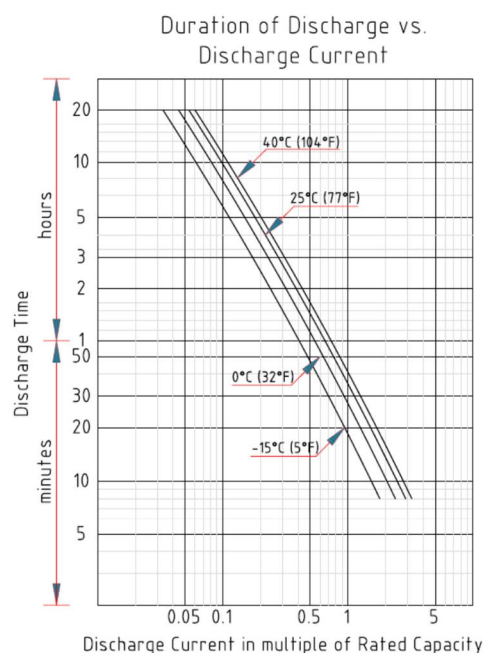
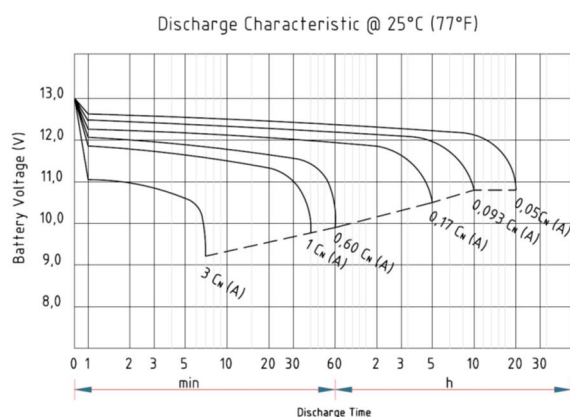
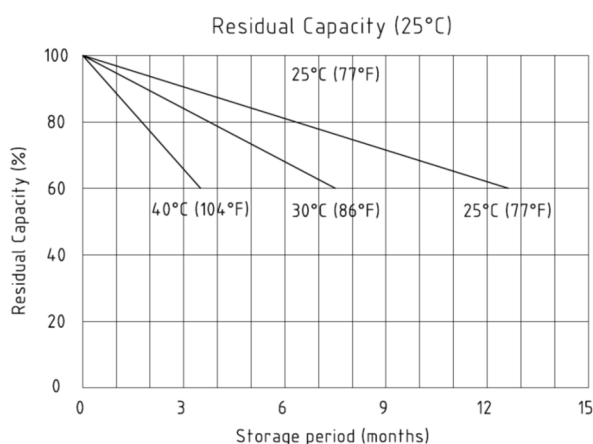
AGM SEALED VRLA BATTERY
5-6 YEARS OF EXPECTED LIFETIME (EUROBAT)
SPECIFICATIONS

Nominal Voltage	12V	
Nominal Capacity	7Ah	
Terminal	T2	
Approx. Weight	Approx 2,0 kg (4,40 lbs)	
Container Material	ABS	
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	7 Ah / 0,35A	(20 hr, 1,80 V/cell, 25°C/77°F)
	6,53 Ah / 0,653A	(10 hr, 1,80 V/cell, 25°C/77°F)
	6 Ah / 1,2A	(5 hr, 1,75 V/cell, 25°C/77°F)
	5,37 Ah / 1,79A	(3 hr, 1,75 V/cell, 25°C/77°F)
	4,55 Ah / 4,55A	(1 hr, 1,60 V/cell, 25°C/77°F)
Max. Discharge Current	105 A (5 s)	
Internal Resistance	Approx 23,0 mΩ	



Operating Temperature	Discharge	: -15 ÷ 50°C (5 ÷ 122°F)
	Charge	: 0 ÷ 40°C (32 ÷ 104°F)
	Storage	: -15 ÷ 40°C (5 ÷ 104°F)

Nominal Operating Temp. Range	25 ± 3°C (77 ± 5°F)
Cycle Use	Initial Charging Current less than 1,4 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	10 min	15 min	20 min	30 min	45 min	1 h	2 h	3 h	4 h	5 h	6 h	8 h	10 h	20 h
1,85V / cell	12,8	10,48	8,79	6,53	4,79	3,86	2,29	1,69	1,36	1,14	0,98	0,774	0,640	0,345
1,80V / cell	14,3	11,40	9,44	6,94	5,05	4,03	2,38	1,74	1,40	1,17	1,01	0,791	0,653	0,350
1,75V / cell	15,6	12,20	10,00	7,29	5,27	4,18	2,45	1,79	1,43	1,20	1,03	0,805	0,663	0,357
1,70V / cell	16,7	12,90	10,50	7,59	5,46	4,32	2,51	1,83	1,46	1,22	1,05	0,817	0,672	0,361
1,67V / cell	17,2	13,20	10,70	7,73	5,54	4,39	2,54	1,85	1,47	1,23	1,06	0,822	0,676	0,363
1,65V / cell	17,7	13,50	10,90	7,86	5,62	4,46	2,57	1,86	1,48	1,23	1,06	0,826	0,680	0,365
1,60V / cell	18,6	14,10	11,30	8,09	5,76	4,55	2,61	1,89	1,50	1,25	1,07	0,834	0,685	0,367

Constant Power Discharge (Watts) at 25°C (77°F)

F.V / Time	10 min	15 min	20 min	30 min	45 min	1 h	2 h	3 h	4 h	5 h	6 h	8 h	10 h	20 h
1,85V / cell	20,36	16,91	14,68	11,42	8,42	7,08	4,15	3,24	2,62	2,14	1,85	1,49	1,25	0,68
1,80V / cell	26,21	20,54	17,38	13,48	9,82	7,97	4,54	3,49	2,80	2,29	1,99	1,59	1,28	0,70
1,75V / cell	28,86	22,43	18,83	13,98	10,21	8,38	4,72	3,56	2,86	2,35	2,04	1,61	1,33	0,70
1,70V / cell	31,39	24,04	19,90	14,70	10,68	8,69	4,85	3,67	2,94	2,42	2,08	1,63	1,35	0,71
1,67V / cell	32,84	24,99	20,31	15,17	10,89	8,77	4,93	3,74	2,95	2,46	2,10	1,65	1,36	0,71
1,65V / cell	34,16	25,81	21,30	15,53	10,92	8,89	4,92	3,82	3,05	2,48	2,12	1,66	1,38	0,72
1,60V / cell	36,60	27,42	22,61	16,38	11,40	8,95	5,13	3,92	3,14	2,56	2,17	1,67	1,39	0,72