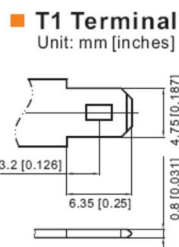
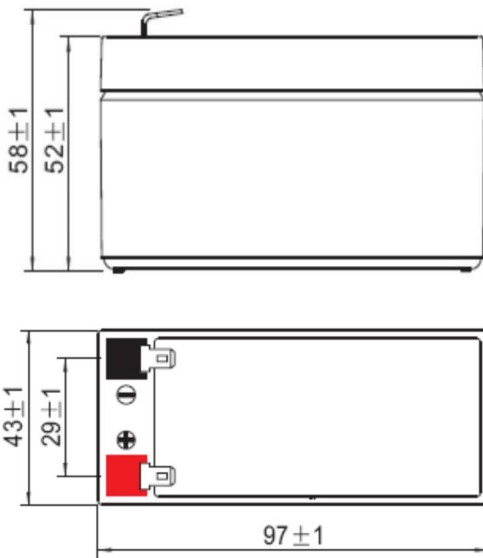
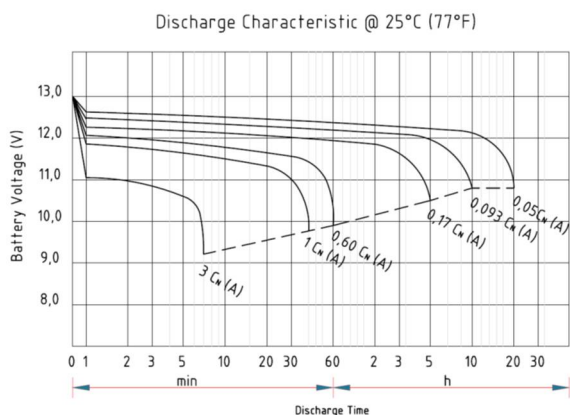
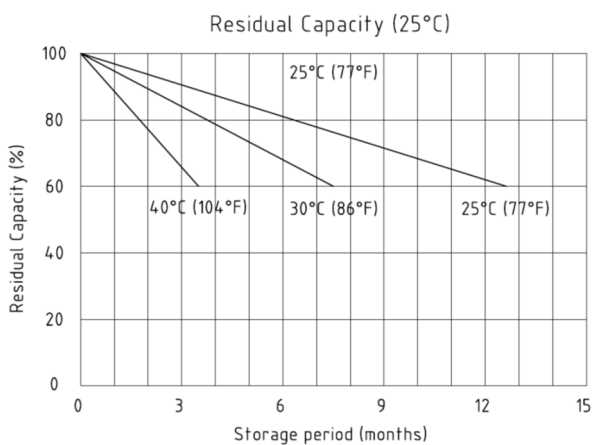



DATASHEET
SLC 1,2-12
12V 1,2AH
AGM SEALED VRLA BATTERY
5-6 YEARS OF EXPECTED LIFETIME (EUROBAT)

SPECIFICATIONS

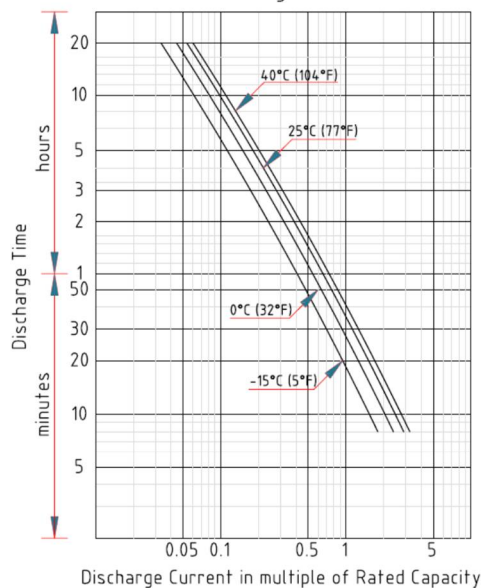
Nominal Voltage	12V	
Nominal Capacity	1,2Ah	
Terminal	T1	
Approx. Weight	Approx 0,57 kg (1,26 lbs)	
Container Material	ABS	
Dimensions	Length	97 ± 1 mm (3,82 inches)
	Width	43 ± 1 mm (1,69 inches)
	Container Height	52 ± 1 mm (2,04 inches)
	Total Height (with terminal)	58 ± 1 mm (2,28 inches)
Rated Capacity	1,2 Ah / 0,06A	(20 hr, 1,80 V/cell, 25°C/77°F)
	1,12 Ah / 0,112A	(10 hr, 1,80 V/cell, 25°C/77°F)
	1,02 Ah / 0,204A	(5 hr, 1,75 V/cell, 25°C/77°F)
	0,918 Ah / 0,306A	(3 hr, 1,75 V/cell, 25°C/77°F)
	0,754 Ah / 0,754A	(1 hr, 1,60 V/cell, 25°C/77°F)
Max. Discharge Current	18,0 A (5 s)	
Internal Resistance	Approx 90,0 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	20 ± 3°C (68 ± 5°F)	
Cycle Use	Initial Charging Current less than 0,24 A Voltage 14,4 ÷ 15,0V at 20°C (77°F) Temperature Coefficient -30mV/°C	
Standby Use	No limit on Initial Charging Current Voltage 13,5 ÷ 13,8 V at 20°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 20°C (68°F) and then a freshening charge is required. For higher temperatures the time interval will be shorter.	

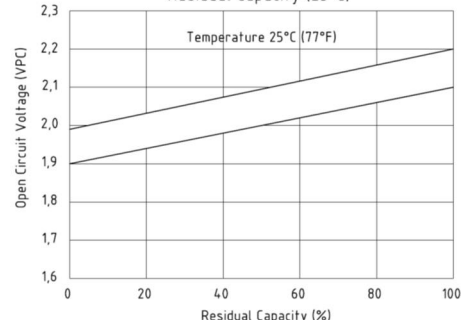


Duration of Discharge vs. Discharge Current



Discharge Current in multiple of Rated Capacity

Relationship for Open Circuit Voltage & Residual Capacity (25°C)



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	1,75	1,45	1,26	0,97	0,716	0,603	0,357	0,279	0,227	0,185	0,161	0,130	0,108	0,0594
1,80V / cell	2,24	1,76	1,49	1,15	0,833	0,676	0,390	0,300	0,242	0,199	0,172	0,137	0,112	0,0600
1,75V / cell	2,46	1,92	1,60	1,19	0,864	0,707	0,404	0,306	0,248	0,204	0,177	0,140	0,115	0,0606
1,70V / cell	2,69	2,05	1,68	1,24	0,899	0,729	0,414	0,315	0,254	0,209	0,181	0,142	0,117	0,0617
1,67V / cell	2,80	2,12	1,73	1,28	0,910	0,738	0,417	0,322	0,259	0,212	0,183	0,143	0,118	0,0621
1,65V / cell	2,90	2,18	1,78	1,31	0,921	0,746	0,420	0,328	0,263	0,215	0,185	0,144	0,119	0,0625
1,60V / cell	3,15	2,33	1,90	1,38	0,960	0,754	0,438	0,338	0,271	0,222	0,189	0,145	0,121	0,0629

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	3,49	2,90	2,52	1,96	1,45	1,21	0,71	0,55	0,45	0,37	0,32	0,26	0,21	0,12
1,80V / cell	4,48	3,51	2,98	2,30	1,69	1,37	0,78	0,60	0,48	0,39	0,34	0,27	0,22	0,12
1,75V / cell	4,95	3,86	3,22	2,41	1,75	1,44	0,81	0,61	0,49	0,40	0,35	0,28	0,23	0,12
1,70V / cell	5,38	4,12	3,41	2,51	1,83	1,49	0,83	0,63	0,50	0,41	0,36	0,28	0,23	0,12
1,67V / cell	5,63	4,28	3,47	2,59	1,86	1,50	0,84	0,64	0,50	0,42	0,36	0,28	0,23	0,12
1,65V / cell	5,86	4,42	3,64	2,66	1,88	1,52	0,84	0,65	0,52	0,42	0,36	0,28	0,24	0,12
1,60V / cell	6,28	4,70	3,87	2,81	1,95	1,54	0,88	0,67	0,54	0,44	0,37	0,29	0,24	0,12