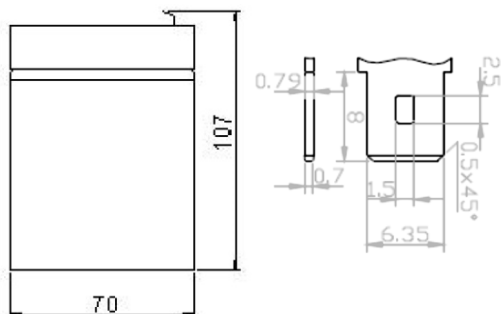
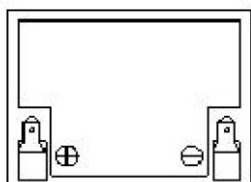
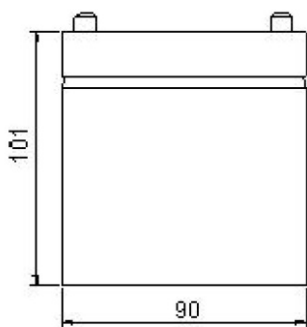


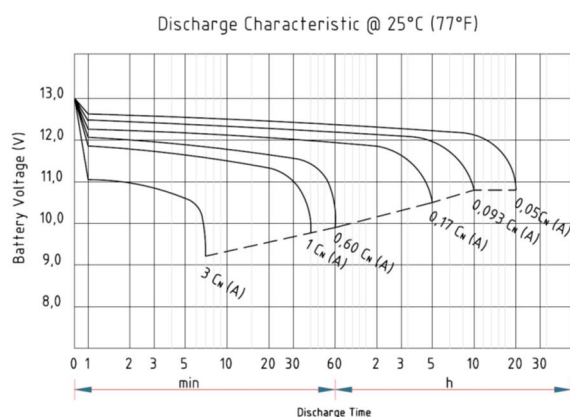
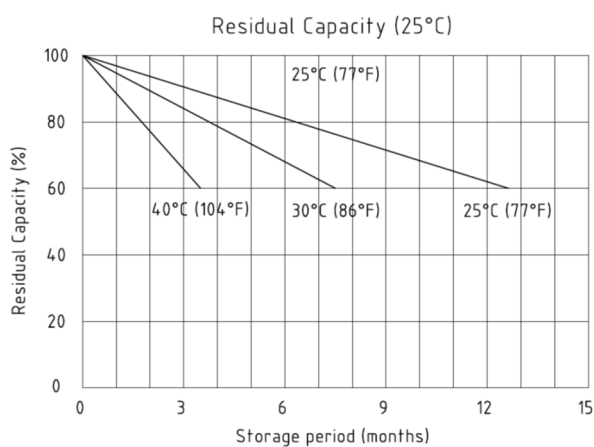
DATASHEET
SLC 5-12A
12V 5AH

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

SPECIFICATIONS

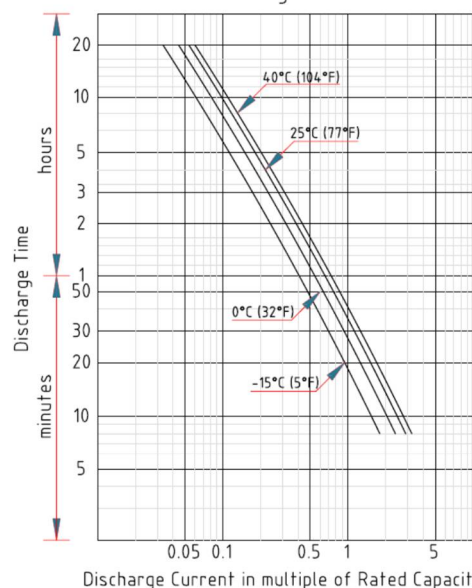
Nominal Voltage	12V	
Nominal Capacity	5Ah	
Terminal	T2	
Approx. Weight	Approx 1,6 kg (3,52 lbs)	
Container Material	ABS	
Dimensions	Length	90 ± 1 mm (3,54 inches)
	Width	70 ± 1 mm (2,76 inches)
	Container Height	101 ± 1 mm (3,98 inches)
	Total Height (with terminal)	107 ± 1 mm (4,21 inches)
Rated Capacity	5 Ah / 0,25A	(20 hr, 1,80 V/cell, 25°C/77°F)
	4,8 Ah / 0,48A	(10 hr, 1,80 V/cell, 25°C/77°F)
	4,25 Ah / 0,85A	(5 hr, 1,75 V/cell, 25°C/77°F)
	3,84 Ah / 1,28A	(3 hr, 1,75 V/cell, 25°C/77°F)
	3,3 Ah / 3,3A	(1 hr, 1,60 V/cell, 25°C/77°F)
Max. Discharge Current	70 A (5 s)	
Internal Resistance	Approx 50,0 mΩ	

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

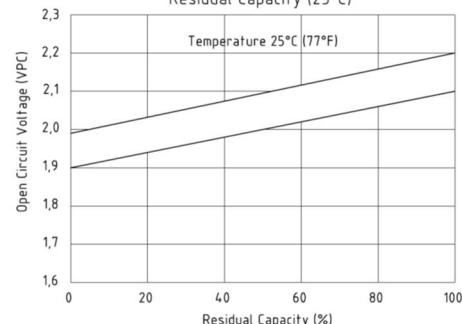
Nominal Operating Temp. Range	25 ± 3°C (77 ± 5°F)
Cycle Use	Initial Charging Current less than 1 A Voltage 14,4 ÷ 15,0V at 25°C (77°F) Temperature Coefficient -30mV/°C
Standby Use	No limit on Initial Charging Current Voltage 13,5 ÷ 13,8 V at 25°C (77°F) Temperature Coefficient -20mV/°C
Capacity affected 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.



Duration of Discharge vs.
Discharge Current



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	7,31	6,06	5,24	4,05	2,98	2,51	1,49	1,16	0,95	0,77	0,67	0,540	0,451	0,248
1,80V / cell	9,34	7,60	6,19	4,80	3,47	3,00	1,62	1,30	1,01	0,80	0,72	0,573	0,480	0,250
1,75V / cell	10,30	7,99	6,66	4,96	3,60	2,95	1,68	1,28	1,03	0,85	0,74	0,583	0,478	0,253
1,70V / cell	11,20	8,00	7,00	5,00	3,74	3,20	1,73	1,30	1,06	0,90	0,75	0,591	0,490	0,257
1,67V / cell	11,65	8,54	7,22	5,23	3,79	3,16	1,74	1,34	1,08	0,90	0,76	0,596	0,494	0,259
1,65V / cell	12,10	9,07	7,44	5,45	3,84	3,11	1,75	1,37	1,10	0,90	0,77	0,600	0,497	0,261
1,60V / cell	13,10	8,50	7,92	5,30	4,00	3,30	1,83	1,40	1,13	0,90	0,79	0,606	0,490	0,262

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	14,54	12,09	10,50	8,16	6,01	5,06	2,97	2,31	1,87	1,52	1,33	1,07	0,89	0,49
1,80V / cell	18,75	14,67	12,41	9,60	7,02	5,69	3,24	2,49	1,99	1,64	1,42	1,13	0,92	0,50
1,75V / cell	20,58	16,02	13,47	10,00	7,29	5,98	3,37	2,54	2,04	1,68	1,45	1,15	0,95	0,50
1,70V / cell	22,37	17,19	14,23	10,49	7,64	6,21	3,47	2,62	2,10	1,72	1,49	1,17	0,97	0,51
1,67V / cell	23,42	17,86	14,51	10,83	7,78	6,27	3,52	2,67	2,10	1,75	1,50	1,18	0,98	0,51
1,65V / cell	24,40	18,39	15,21	11,09	7,82	6,35	3,52	2,72	2,17	1,77	1,52	1,19	0,99	0,51
1,60V / cell	26,16	19,58	16,13	11,70	8,13	6,40	3,66	2,81	2,24	1,82	1,55	1,20	1,00	0,52