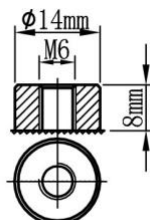
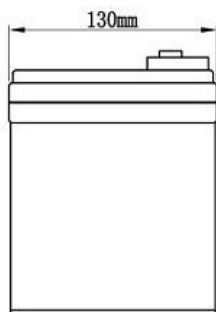
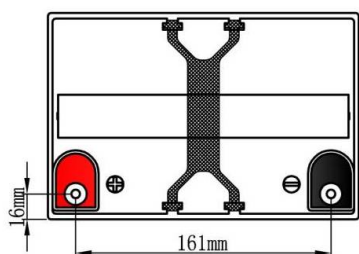
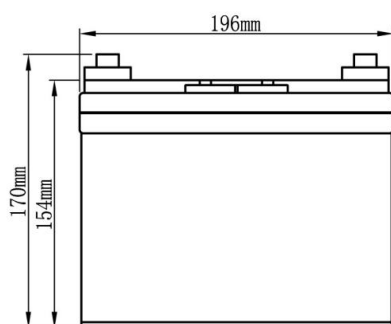
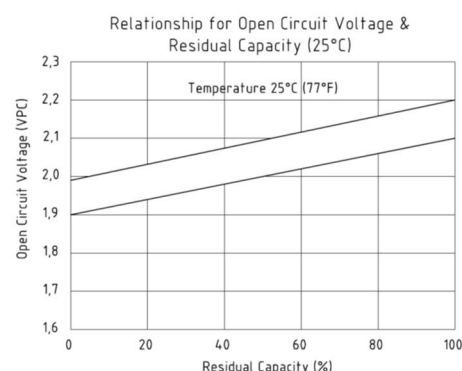
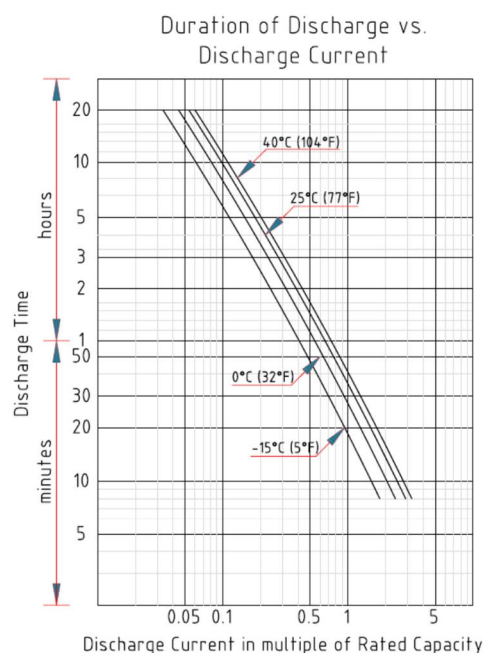
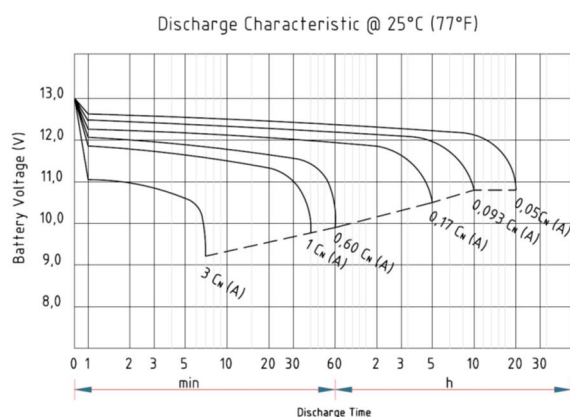
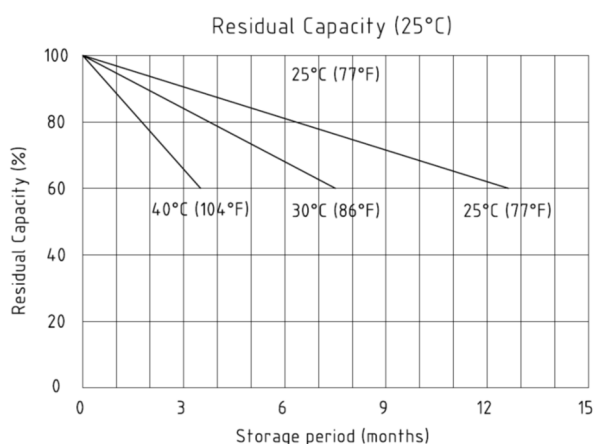


DATASHEET
SLC 33-12B
12V 33AH
AGM SEALED VRLA BATTERY
LONG LIFE 10-12 YEARS OF EXPECTED LIFETIME
(EUROBAT)

SPECIFICATIONS

Nominal Voltage	12V	
Nominal Capacity	33Ah	
Terminal	T20	
Approx. Weight	Approx 10 kg (22 lbs)	
Container Material	ABS	
Dimensions	Length	196±2 mm (7,68 inches)
	Width	130±2 mm (5,12 inches)
	Container Height	154±2 mm (6,06 inches)
	Total Height (with terminal)	170±2 mm (6,69 inches)
Rated Capacity	34,4 Ah / 1,65A	(20 hr, 1,80 V/cell, 25°C/77°F)
	33 Ah / 3,30A	(10 hr, 1,80 V/cell, 25°C/77°F)
	27,55 Ah / 5,61A	(5 hr, 1,75 V/cell, 25°C/77°F)
Max. Discharge Current	495,0 A (5 s)	
Internal Resistance	Approx 8,0 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 6,6 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	48,3	40,0	34,6	26,7	19,69	16,6	9,81	7,68	6,24	5,09	4,42	3,56	2,98	1,63
1,80V / cell	61,7	48,3	40,9	31,5	22,90	18,6	10,70	8,26	6,67	5,46	4,74	3,78	3,07	1,65
1,75V / cell	67,8	52,8	44,0	32,7	23,80	19,4	11,10	8,42	6,81	5,61	4,87	3,84	3,15	1,67
1,70V / cell	73,9	56,3	46,2	34,1	24,70	20,1	11,40	8,65	7,00	5,75	4,97	3,90	3,21	1,70
1,67V / cell	76,8	58,1	47,7	35,0	25,0	20,3	11,50	8,84	7,12	5,83	5,03	3,93	3,25	1,71
1,65V / cell	79,7	59,9	49,1	35,9	25,30	20,5	11,60	9,02	7,24	5,91	5,08	3,96	3,28	1,72
1,60V / cell	86,5	64,1	52,3	38,0	26,40	20,7	12,00	9,29	7,46	6,11	5,19	4,00	3,32	1,73

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	95,96	79,82	69,34	53,80	39,65	33,36	19,62	15,27	12,35	10,08	8,73	7,05	5,90	3,24
1,80V / cell	123,47	96,63	81,92	63,35	46,34	37,59	21,45	16,40	13,22	10,83	9,35	7,47	6,08	3,26
1,75V / cell	136,12	105,97	88,59	65,98	48,13	39,44	22,22	16,72	13,49	11,07	9,60	7,60	6,25	3,29
1,70V / cell	147,94	113,47	93,74	69,22	50,36	40,97	22,86	17,30	13,85	11,41	9,82	7,72	6,38	3,35
1,67V / cell	154,80	117,90	95,80	71,50	51,30	41,40	23,30	17,60	13,90	11,60	9,90	7,80	6,40	3,37
1,65V / cell	161,05	121,74	100,19	73,19	51,54	41,90	23,40	17,99	14,31	11,65	10,02	7,83	6,51	3,39
1,60V / cell	172,55	129,14	106,44	77,12	53,70	42,28	24,23	18,46	14,76	12,08	10,18	7,91	6,58	3,40