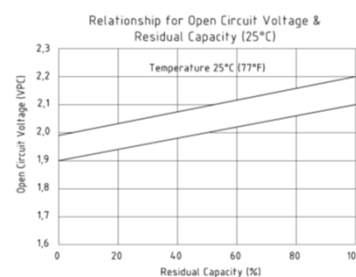
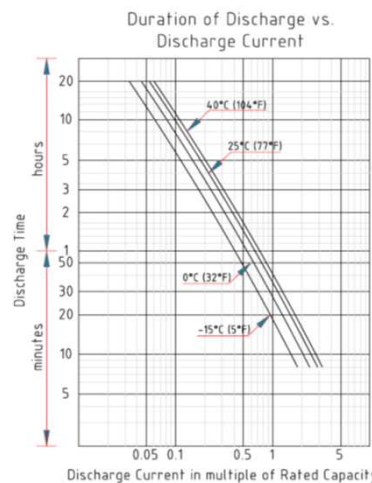
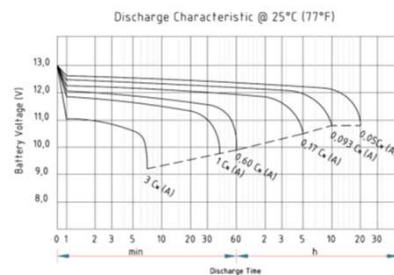
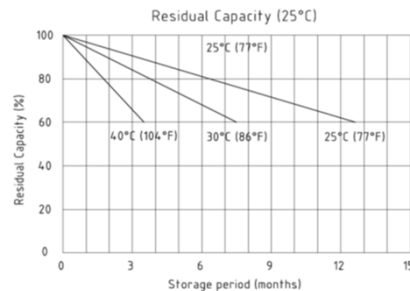
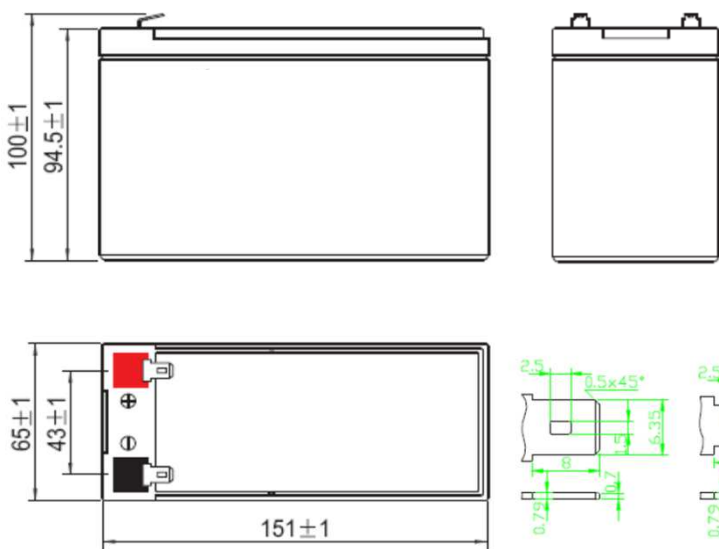


GENERAL PURPOSE BATTERIES



Specification	
Nominal Voltage	12 V
Nominal Capacity (20 Hr)	7,2 Ah
Dimension	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)
Approx Weight	Approx 2,3 kg (5,20 lbs)
Terminal	T2
Container Material	ABS
Rated Capacity	7,2 Ah / 0,36A (20 hr, 1,80 V/cell, 25°C/77°F)
	6,7 Ah / 0,67A (10 hr, 1,80 V/cell, 25°C/77°F)
	6,1 Ah / 1,22A (5 hr, 1,75 V/cell, 25°C/77°F)
	5,52 Ah / 1,84A (3 hr, 1,75 V/cell, 25°C/77°F)
	4,52 Ah / 4,52A (1 hr, 1,60 V/cell, 25°C/77°F)
Max Discharge Current	108 A (5 s)
Internal Resistance	Approx 18,0 mΩ
Operating Temperat. Range	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	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	10,50	8,72	7,54	5,83	4,30	3,62	2,14	1,68	1,36	1,11	0,96	0,777	0,649	0,356
1,80V / cell	13,50	10,50	8,91	6,88	5,00	4,06	2,34	1,80	1,45	1,19	1,03	0,825	0,670	0,360
1,75V / cell	14,80	11,50	9,59	7,14	5,18	4,24	2,42	1,84	1,49	1,22	1,06	0,839	0,688	0,364
1,70V / cell	16,10	12,30	10,10	7,43	5,39	4,38	2,48	1,89	1,53	1,25	1,08	0,851	0,701	0,370
1,67V / cell	16,75	12,70	10,40	7,64	5,46	4,43	2,50	1,93	1,56	1,27	1,10	0,858	0,709	0,373
1,65V / cell	17,40	13,10	10,70	7,84	5,53	4,48	2,52	1,97	1,58	1,29	1,11	0,864	0,716	0,375
1,60V / cell	18,90	14,00	11,40	8,28	5,76	4,52	2,63	2,03	1,63	1,33	1,13	0,872	0,724	0,377

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	20,89	17,44	15,10	11,73	8,66	7,28	4,27	3,33	2,69	2,20	1,91	1,53	1,29	0,71
1,80V / cell	26,97	21,09	17,92	13,80	10,11	8,19	4,67	3,58	2,88	2,36	2,04	1,63	1,32	0,71
1,75V / cell	29,75	23,09	19,27	14,41	10,49	8,61	4,86	3,65	2,94	2,42	2,09	1,66	1,37	0,72
1,70V / cell	32,30	24,72	20,46	15,14	10,94	8,93	4,99	3,77	3,03	2,49	2,14	1,68	1,39	0,73
1,67V / cell	33,79	25,70	20,90	15,62	11,17	9,01	5,07	3,85	3,04	2,53	2,17	1,69	1,40	0,73
1,65V / cell	35,09	26,49	21,86	15,97	11,25	9,14	5,16	3,93	3,13	2,54	2,18	1,71	1,42	0,74
1,60V / cell	37,65	28,22	23,17	16,83	11,73	9,21	5,28	4,04	3,23	2,63	2,23	1,72	1,43	0,74