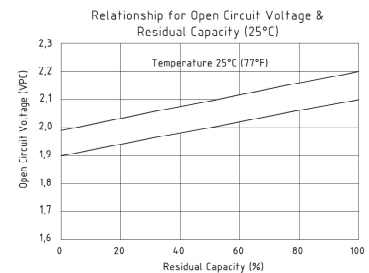
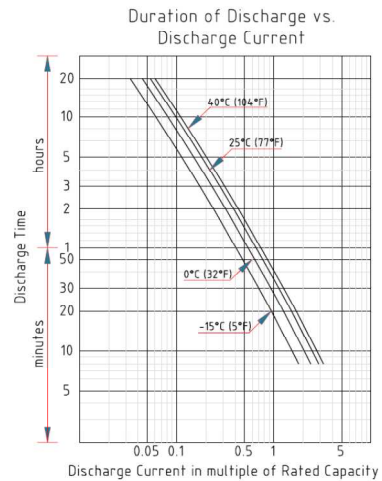
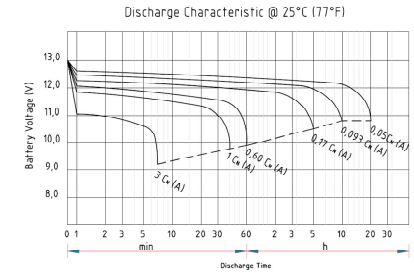
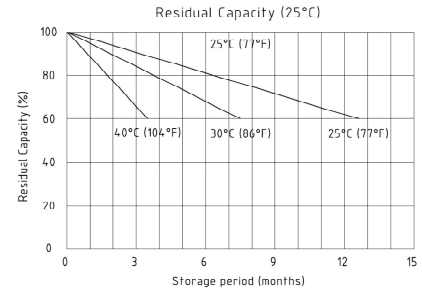
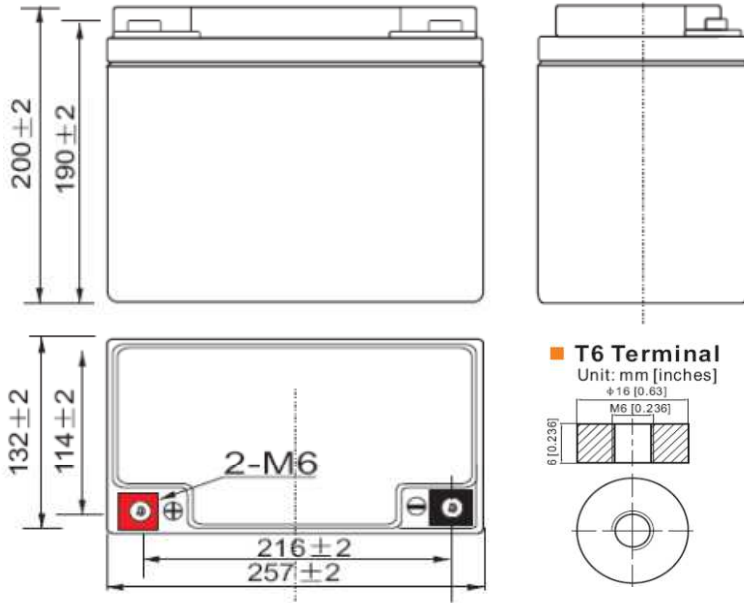




GENERAL PURPOSE BATTERIES



Specification	
Nominal Voltage	12 V
Nominal Capacity (20 Hr)	50Ah
Dimension	Length 257±2 mm (10,11 inches)
	Width 132±2 mm (5,19 inches)
	Container Height 200±2 mm (7,87 inches)
	Total Height (with terminal) 200±2 mm (7,87 inches)
Approx Weight	Approx 16,0 kg (35,3 lbs)
Terminal	T6
Container Material	ABS
Rated Capacity	52 Ah / 2,6A (20 hr, 1,80 V/cell, 25°C/77°F)
	50 Ah / 5A (10 hr, 1,80 V/cell, 25°C/77°F)
	43 Ah / 8,6A (5 hr, 1,75 V/cell, 25°C/77°F)
	39 Ah / 13A (3 hr, 1,75 V/cell, 25°C/77°F)
	30,5 Ah / 30,5A (1 hr, 1,60 V/cell, 25°C/77°F)
Max Discharge Current	600,0 A (5 s)
Internal Resistance	Approx 8,0 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 10 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	67,3	57,2	47,9	38,0	28,8	23,6	15,0	11,9	9,70	7,82	6,81	5,53	4,72	2,58
1,80V / cell	86,0	69,1	56,6	44,9	33,5	26,4	16,4	12,8	10,40	8,40	7,30	5,86	5,00	2,60
1,75V / cell	94,5	75,5	60,9	46,6	34,7	27,6	17,0	13,0	10,60	8,60	7,50	5,96	5,05	2,63
1,70V / cell	103,0	80,6	64,0	48,5	36,1	28,5	17,7	13,4	10,90	8,83	7,66	6,05	5,10	2,68
1,67V / cell	107,1	83,2	66,0	49,9	36,6	29,0	18,0	13,7	11,05	8,96	7,75	6,10	5,16	2,70
1,65V / cell	111,1	85,7	67,9	51,2	37,0	29,5	18,2	13,9	11,20	9,08	7,83	6,14	5,21	2,71
1,60V / cell	120,6	91,7	72,4	54,0	38,6	30,5	18,8	14,4	11,60	9,38	8,00	6,20	5,26	2,73

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	133,87	114,28	95,93	76,63	58,01	47,43	29,99	23,52	19,23	15,42	13,47	10,93	9,35	5,10
1,80V / cell	172,04	138,38	113,43	90,10	67,77	53,39	32,74	25,42	20,44	16,60	14,41	11,55	9,91	5,14
1,75V / cell	189,81	151,72	122,53	93,94	70,32	56,13	34,11	25,90	20,95	16,97	14,75	11,78	10,01	5,19
1,70V / cell	206,27	162,35	129,88	98,51	73,64	58,13	35,54	26,73	21,35	17,42	15,09	12,00	10,16	5,28
1,67V / cell	215,80	168,60	136,70	101,70	75,00	59,30	36,20	27,30	21,40	17,70	15,30	12,20	10,20	5,31
1,65V / cell	224,61	174,16	138,73	104,14	75,46	60,16	36,49	27,77	22,34	17,98	15,43	12,22	10,28	5,34
1,60V / cell	240,47	184,78	147,34	109,78	78,47	62,11	37,66	28,58	23,01	18,53	15,78	12,25	10,39	5,37