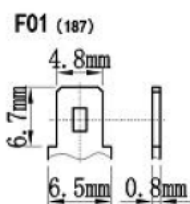
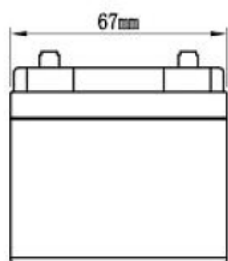
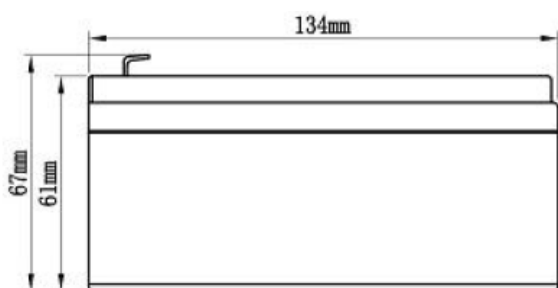
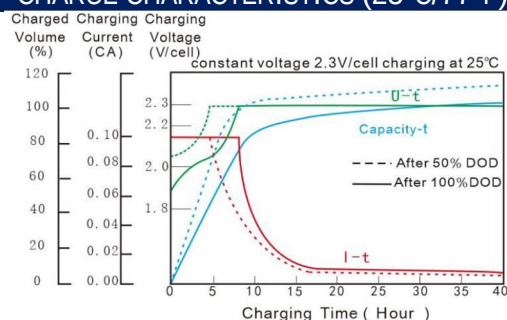
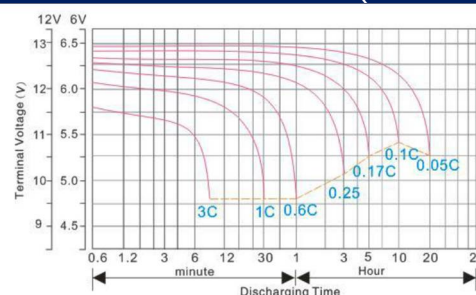
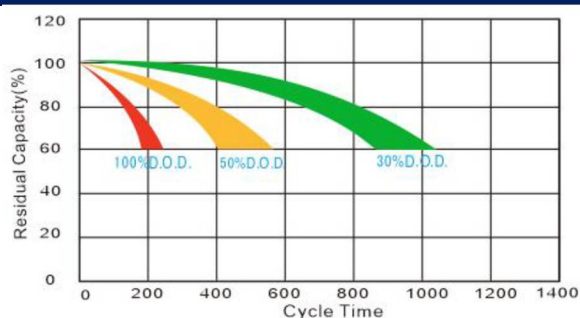
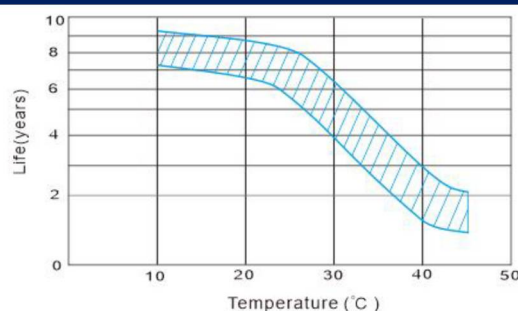
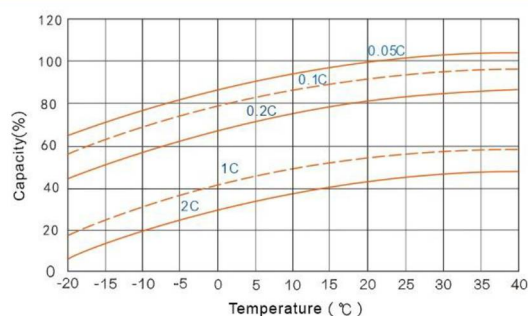
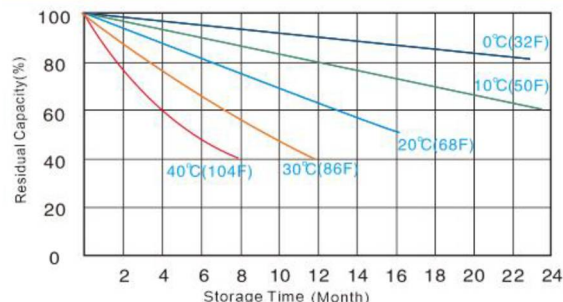



DATASHEET
SLC 3,6-12
12V 3,6AH
AGM SEALED VRLA BATTERY
8 YEARS OF EXPECTED LIFETIME (EUROBAT)
SPECIFICATIONS

Nominal Voltage	12V	
Nominal Capacity	3,6Ah	
Terminal	T1	
Approx. Weight	Approx 1,3 kg (2,87 lbs)	
Container Material	ABS	
Dimensions	Length	134 ± 1 mm (5,27 inches)
	Width	67 ± 1 mm (2,63 inches)
	Container Height	61 ± 1 mm (2,40 inches)
	Total Height (with terminal)	67 ± 1 mm (2,63 inches)
Rated Capacity	3,64 Ah / 0,175A	(20 hr)
	3,35 Ah / 0,36A	(10 hr)
	3,04 Ah / 0,612A	(5 hr)
	1,74 Ah / 3,6A	(27 min)
	1,30 Ah / 11,8A	(7 min)
Max. Discharge Current	----- A (5 s)	
Internal Resistance	Approx 42 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	Limit initial current less than 0.9A.	
	Charge until battery voltage (under charge) reaches 14.1V to 14.4V at 25°C(77°F).	
	Hold at 14.1V to 14.4V until current drop to under 0.0216A for at least 3 hours.	
	Temperature compensation coefficient of charging voltage is -30mV/°C.	
Standby Use	Hold battery across constant voltage source of 13.6to 13.8 volts with current limit 0.9A continuously .When held at this voltage , the battery will seek its own current level and maintain itself in a fully charge status.	
	Temperature compensation coefficient of charging voltage is -18mV/°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.	



CHARGE CHARACTERISTICS (25°C/77°F)

DISCHARGE CHARACTERISTIC (25°C/77°F)

CYCLE LIFE IN RELATION TO DEPTH OF DISCHARGE

TEMPERATURE VS FLOAT LIFE

CAPACITY CURVE AT DIFFERENT TEMPERATURE

SELF DISCHARGE CHARACTERISTICS

Constant Current Discharge (Amperes)
at 25°C (77°F)

End Voltage (V)	Minute (M)				Hour (H)							
	10	15	30	45	1	1.5	2	3	5	8	10	20
Constant Current Discharge Data Sheet (@25°C) Unit: A												
9.6V	9.79	7.79	4.00	2.92	2.27	1.81	1.34	1.02	0.648	0.428	0.348	0.187
9.9V	9.32	7.42	3.81	2.83	2.21	1.76	1.31	0.994	0.632	0.419	0.344	0.185
10.2V	8.88	7.07	3.63	2.73	2.16	1.72	1.28	0.970	0.617	0.411	0.341	0.183
10.5V	8.71	6.92	3.52	2.66	2.15	1.69	1.23	0.940	0.608	0.410	0.338	0.182
10.8V	8.50	6.73	3.39	2.55	2.13	1.66	1.18	0.900	0.596	0.404	0.335	0.180

Constant Power Discharge (Watts)
at 25°C (77°F)

9.6V	115	93.4	52.7	37.4	27.9	21.4	16.1	11.5	7.56	5.27	4.18	2.25
9.9V	110	88.9	50.2	36.1	27.2	20.9	15.7	11.2	7.38	5.17	4.14	2.23
10.2V	105	84.7	47.8	34.9	26.5	20.4	15.3	10.9	7.20	5.07	4.10	2.21
10.5V	101	82.2	46.8	34.1	26.1	20.1	15.1	10.7	7.12	5.03	4.04	2.18
10.8V	97.4	79.5	45.5	33.2	25.7	19.8	14.9	10.5	7.04	4.98	3.97	2.15