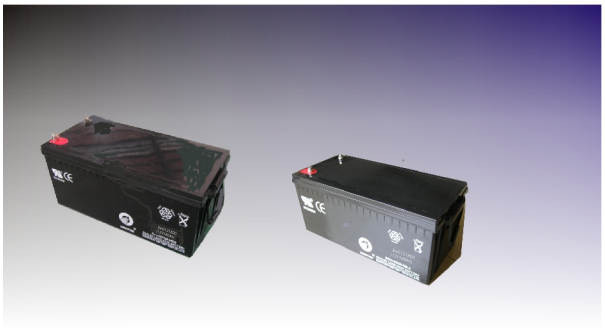
SWG121800(12V180AH)



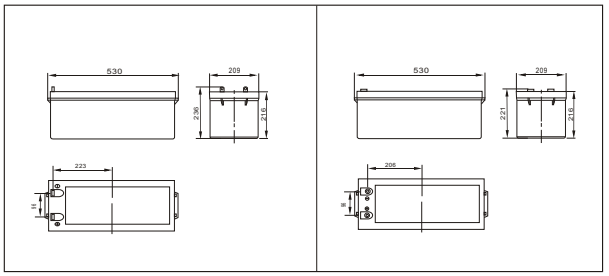
Specifications

Nominal Voltage		12V	
Rated capacity (20 hour rate)		180 Ah	
Dimensions	Total Height	T11	237 mm (9.33inches)
		T60	221 mm (8.70 inches)
	Height	216 mm (8.50 inches)	
	Length	530 mm (20.8 inches)	
	Width	209 mm (8.23 inches)	
Weight Approx		57 Kg (126 lbs)	

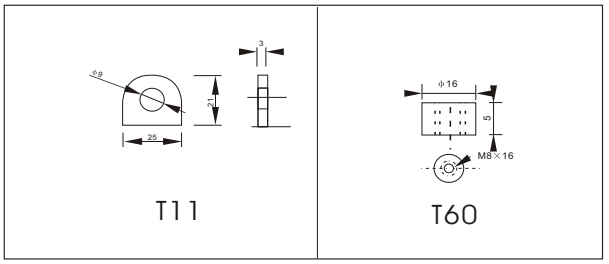
Characteristics

Capacity 25℃(77℉)	20 hour rate(9.0A) 10 hour rate(16.6A) 5 hour rate(26.6A) 1 hour rate(99.6A)	180 AH 166 AH 133 AH 99.6 AH
Internal Resistance	Full charged Battery at 25℃(77℉)	Approx 6.0 mΩ
Capacity affected by Temperature (10hour rate)	40℃(104℉) 25℃(77℉) 0℃(32℉) -15℃(5℉)	102% 100% 85% 65%
Self-Discharge at 25℃(77℉)	Capacity after 3 month storage Capacity after 6 month storage Capacity after 12 month storage	91% 82% 64%
Terminal	T11、T60	
Charge (constant Voltage) Cycle	Initial Charging Current less than 66 A Voltage 14.10-14.40V	
Charge (constant Voltage) Float	Voltage 13.50-13.80V	

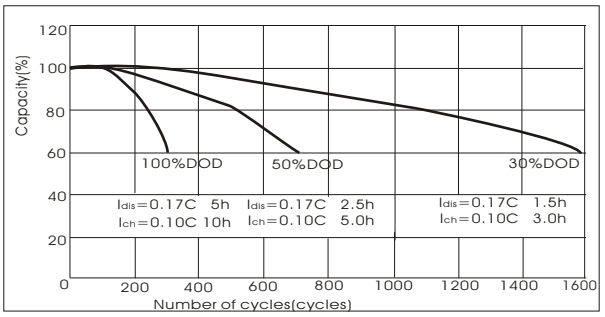
Outer dimensions (mm)



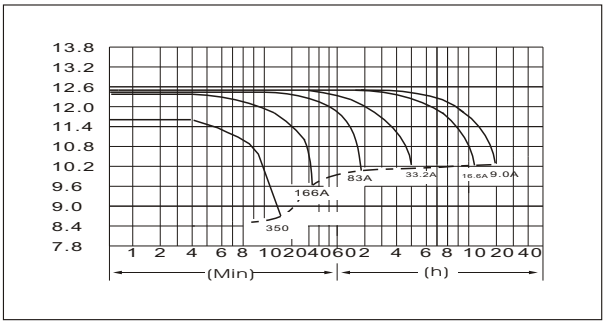
Terminal Type (mm)



Curves of cycle life(25℃)



Discharge Curves 25℃(77℉)



Constant Current(Amp) and Constant Power(Watt) Discharge Table at 25℃(77℉)

Time		5min	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
9.60V	A	532	350	282	189	100	58	42.7	33.2	27.4	19.4	17.4	9.4
	W	5487	3741	3028	2035	1076	638	474.8	373.5	311.4	222.6	201.3	109.4
10.20V	A	515	316	266	181	94	55	41.5	32.4	26.9	18.9	17.1	9.1
	W	5499	3529	2976	2031	1059	639	480.6	376.4	313.5	221.4	200.9	107.1
10.50V	A	498	283	233	169	91	54	40.5	31.9	26.6	18.8	16.8	9.1
	W	5440	3216	2654	1949	1050	628	472.0	372.9	311.4	220.6	198.4	107.9
10.80V	A	480	266	216	156	88	53	39.5	31.4	25.9	18.3	16.6	9.0
	W	5386	3072	2490	1808	1020	618	465.8	370.5	306.1	216.4	197.3	106.8
11.10V	A	464	250	200	139	85	51	38.2	30.5	25.2	17.8	15.8	8.5
	W	5261	2891	2323	1631	996	608	453.6	363.8	301.1	212.7	190.4	102.6