



SWG12700(12V70AH)



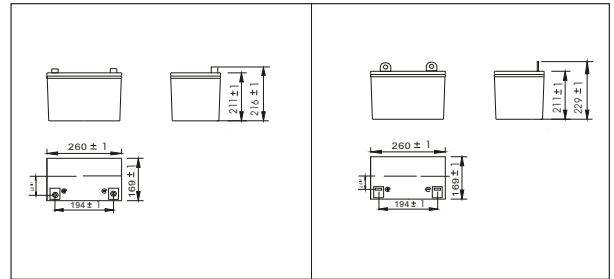
Specifications

Nominal Voltage		12V	
Rated capacity (20 hour rate)		70 Ah	
Dimensions	Total Height	T33	229 mm (9.01 inches)
		T16	216 mm (8.50 inches)
	Height	211 mm (8.30 inches)	
	Length	260 mm (10.2 inches)	
Width		169 mm (6.65 inches)	
Weight Approx		24Kg (53.0lbs)	

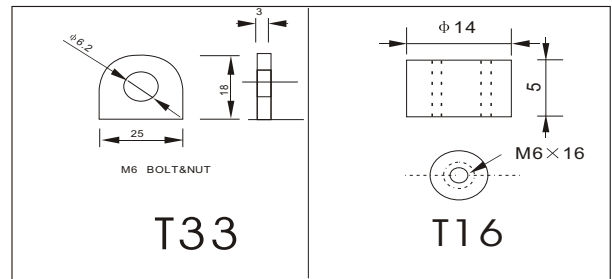
Characteristics

Capacity 25°C(77°F)	20 hour rate(3.50 A) 10 hour rate(6.4 A) 5 hour rate(10.4 A) 1 hour rate(38.4 A)	70 AH 64 AH 52 AH 38.4 AH
Internal Resistance	Full charged Battery at 25°C(77°F)	Approx 10.5 mΩ
Capacity affected by Temperature (10hour rate)	40°C(104°F) 25°C(77°F) 0°C(32°F) -15°C(5°F)	102% 100% 85% 65%
Self-Discharge at 25°C(77°F)	Capacity after 3 month storage Capacity after 6 month storage Capacity after 12 month storage	91% 82% 64%
Terminal	T16 T33	
Charge (constant Voltage)	Cycle	Initial Charging Current less than 25.6 A Voltage 14.10-14.40V
	Float	Voltage 13.50-13.80V

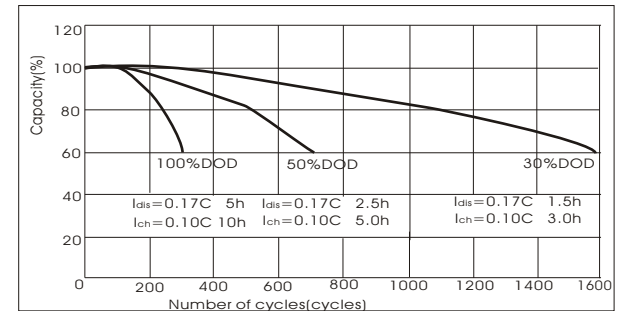
Outer dimensions (mm)



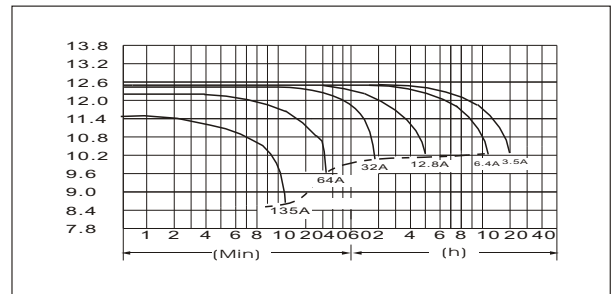
Terminal Type (mm)



Curves of cycle life(25°C)



Discharge Curves 25°C(77°F)



Constant Current(Amp) and Constant Power(Watt) Discharge Table at 25°C(77°F)

Time		5min	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
9.60V	A	205	135	109	73	38	22	16.4	12.8	10.6	7.5	6.7	3.6
	W	2116	1442	1167	784	415	246	183.1	144.0	120.1	85.8	77.6	42.2
10.20V	A	199	122	103	70	36	21	16.0	12.5	10.4	7.3	6.6	3.5
	W	2120	1361	1147	783	408	246	185.3	145.1	120.9	85.4	77.4	41.3
10.50V	A	192	109	90	65	35	21	15.6	12.3	10.2	7.2	6.5	3.5
	W	2097	1240	1023	751	405	242	182.0	143.8	120.1	85.0	76.5	41.6
10.80V	A	185	103	83	60	34	20	15.2	12.1	10.0	7.0	6.4	3.5
	W	2077	1185	960	697	393	238	179.6	142.8	118.0	83.4	76.1	41.2
11.10V	A	179	96	77	54	33	20	14.7	11.8	9.7	6.8	6.1	3.3
	W	2028	1115	895	629	384	235	174.9	140.3	116.1	82.0	73.4	39.6