



# SWE12700(12V70AH)



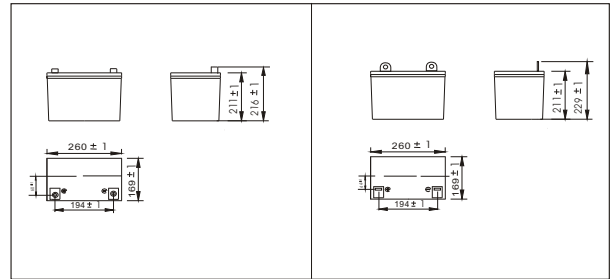
### Specifications

Nominal Voltage		12V	
Rated capacity (10hour 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		23 Kg (50.66 lbs)	

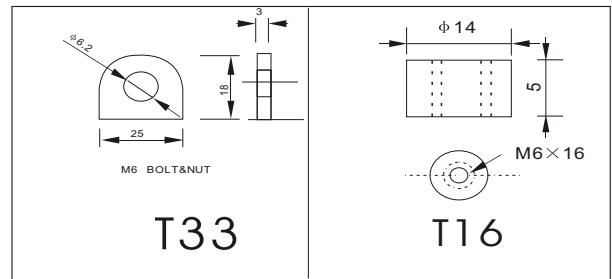
### Characteristics

Capacity 25°C(77°F)	10 hour rate(7.0A) 5 hour rate(11.2 A) 1 hour rate(42.0A)	70 AH 56 AH 42 AH
Internal Resistance	Full charged Battery at 25°C(77°F)	Approx 5.2 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 28 A Voltage 14.10-14.40V
	Float	Voltage 13.50-13.80V

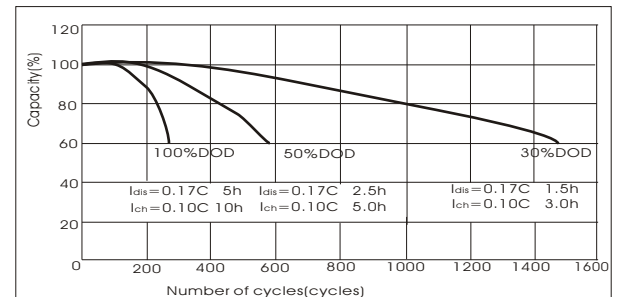
### Outer dimensions (mm)



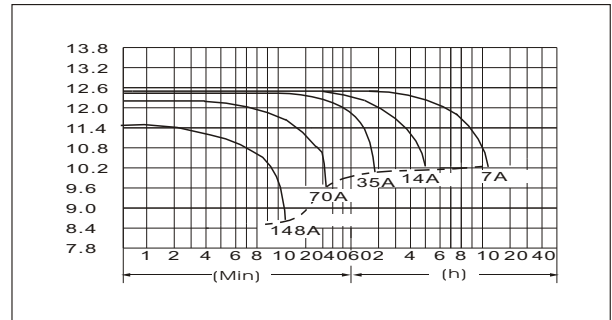
### Terminal Type (mm)



### 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	224	148	119	79.8	42	24.5	18	14	11.6	8.19	7.35	3.97
	W	2314	1577	1277	858	454	269	200	158	131	94	85	46.2
10.20V	A	217	133	112	76.3	39.5	23.4	17.5	13.7	11.3	7.98	7.21	3.85
	W	2319	1488	1255	857	447	269	203	159	132	93	85	45.2
10.50V	A	210	119	98	71.4	38.2	22.8	17.1	13.4	11.2	7.91	7.07	3.85
	W	2294	1356	1119	822	443	265	199	157	131	93	84	45.5
10.80V	A	202	112	91	65.8	37	22.3	16.7	13.2	10.9	7.7	7	3.78
	W	2271	1296	1050	762	430	261	196	156	129	91	83	45
11.10V	A	196	105	84	58.8	35.7	21.7	16.1	12.9	10.6	7.49	6.65	3.57
	W	2219	1219	979	688	420	256	191	153	127	90	80.3	43.3