



SWE12650(12V65AH)



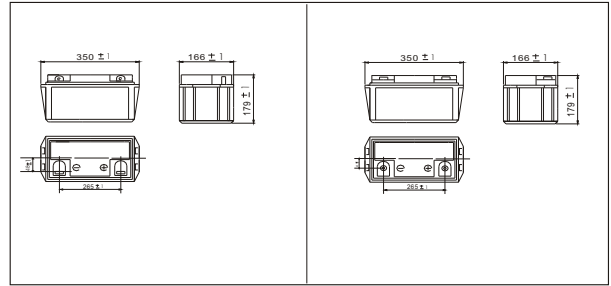
Specifications

Nominal Voltage		12V
Rated capacity (10hour rate)		65 Ah
Dimensions	Total Height	179 mm (7.05 inches)
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	Length	350 mm (13.8 inches)
	Width	166mm (6.54 inches)
Weight Approx		22 Kg (48.5 lbs)

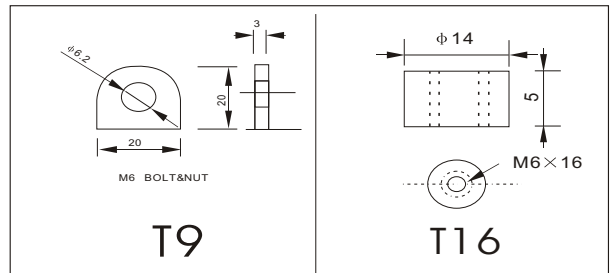
Characteristics

Capacity 25°C(77°F)	10 hour rate(6.5 A) 5 hour rate(10.4 A) 1 hour rate(39.0 A)	65 AH 52 AH 39 AH
Internal Resistance	Full charged Battery at 25°C(77°F)	Approx 5.6 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	T9、T16	
Charge (constant Voltage)	Cycle	Initial Charging Current less than 26 A Voltage 14.10-14.40V
	Float	Voltage 13.50-13.80V

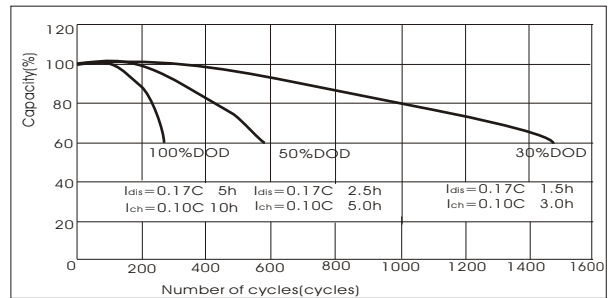
Outer dimensions (mm)



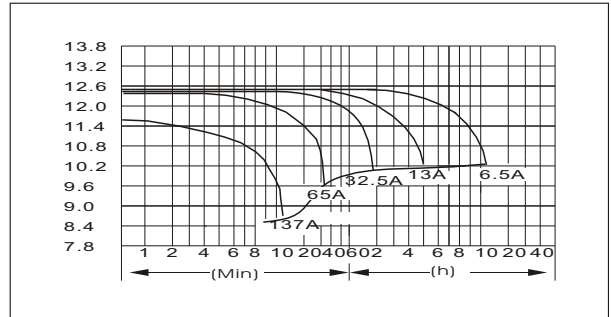
Terminal Type (mm)



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	208	137	111	74.1	39.0	22.8	16.7	13.0	10.7	7.61	6.83	3.69
	W	2149	1465	1185	797	421	250	186	146	122	87	79	42.9
10.20V	A	202	124	104	70.9	36.7	21.7	16.3	12.7	10.5	7.41	6.70	3.58
	W	2153	1382	1165	795	415	250	188	147	123	87	79	41.9
10.50V	A	195	111	91	66.3	35.5	21.2	15.9	12.5	10.4	7.35	6.57	3.58
	W	2130	1259	1039	763	411	246	185	146	122	86	78	42.3
10.80V	A	188	104	85	61.1	34.3	20.7	15.5	12.3	10.1	7.15	6.50	3.51
	W	2109	1203	975	708	399	242	182	145	120	85	77	41.8
11.10V	A	182	98	78	54.6	33.2	20.2	15.0	12.0	9.9	6.96	6.18	3.32
	W	2060	1132	909	639	390	238	178	142	118	83	74.5	40.2