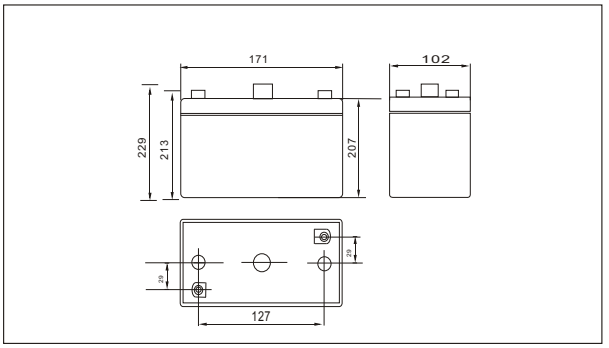
SUNNYWAY®

SHENZHEN SUNNYWAY BATTERY TECH CO.,LTD.

SW21500(2V150AH)



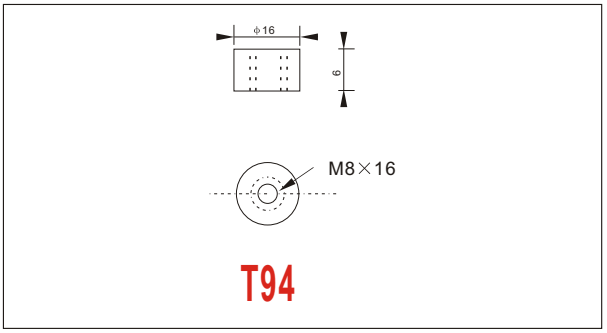
Outer dimensions (mm)



Specifications

Nominal Voltage		2 V
Rated capacity (10 hour rate)		150 Ah
Dimensions	Total Height	229 mm (8.97 inches)
	Height	207 mm (8.15 inches)
	Length	171 mm (6.73 inches)
	Width	102 mm (4.01 inches)
Weight Approx		8.5 Kg (18.8 lbs)

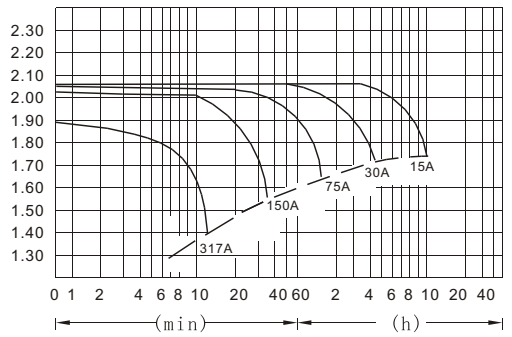
Terminal Type (mm)



Characteristics

Capacity 25℃(77℉)	10 hour rate(15 A) 5 hour rate(24 A) 1 hour rate(90 A)	150 AH 120 AH 90 AH
Internal Resistance	Full charged Battery at 25℃(77℉)	0.4 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	T94	
Charge (constant Voltage) Cycle	Initial Charging Current less than 60 A Voltage 2.35-2.40V	
Charge (constant Voltage) Float	Voltage 2.25-2.30V	

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
1.60V	A	480	317	255	171	90	52.5	38.6	30.0	24.8	17.6	15.8	9
	W	826	563	456	306	162	96	71.5	56.3	46.9	33.5	30.3	16
1.70V	A	465	286	240	164	85	50.1	37.5	29.3	24.3	17.1	15.5	8.3
	W	828	532	448	306	159	96	72.4	56.7	47.2	33.3	30.3	16.1
1.75V	A	450	255	210	153	82	48.9	36.6	28.8	24.0	17.0	15.2	8.3
	W	819	484	400	293	158	95	71.1	56.2	46.9	33.2	29.9	16.3
1.80V	A	434	241	195	141	79	47.7	35.7	28.4	23.4	16.5	15.0	8.1
	W	811	463	375	272	154	93	70.2	55.8	46.1	32.6	29.7	16.1
1.85V	A	419	226	180	126	77	46.5	34.5	27.6	22.8	16.1	14.3	7.7
	W	792	435	350	246	150	92	68.3	54.8	45.3	32.0	28.7	15.5