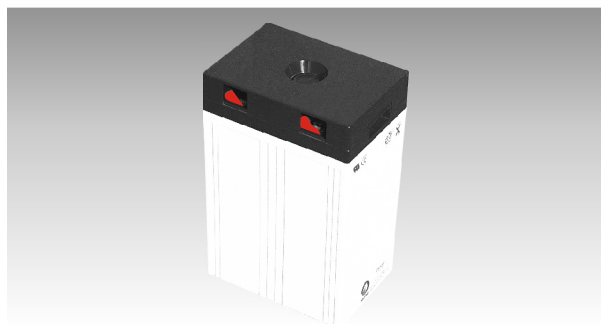
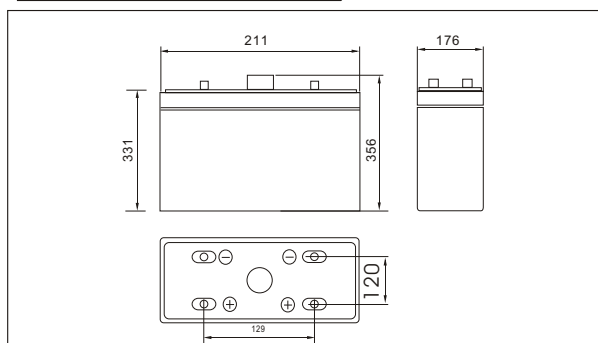




SW24500(2V450AH)



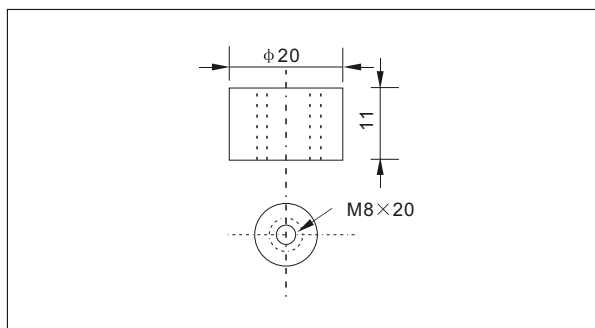
Outer dimensions (mm)



Specifications

Nominal Voltage		2 V
Rated capacity (10 hour rate)		450 Ah
Dimensions	Total Height	356 mm (14.0 inches)
	Height	331 mm (13.0 inches)
	Length	211 mm (8.31 inches)
	Width	176 mm (6.92 inches)
Weight Approx		27.5 Kg (60.77 lbs)

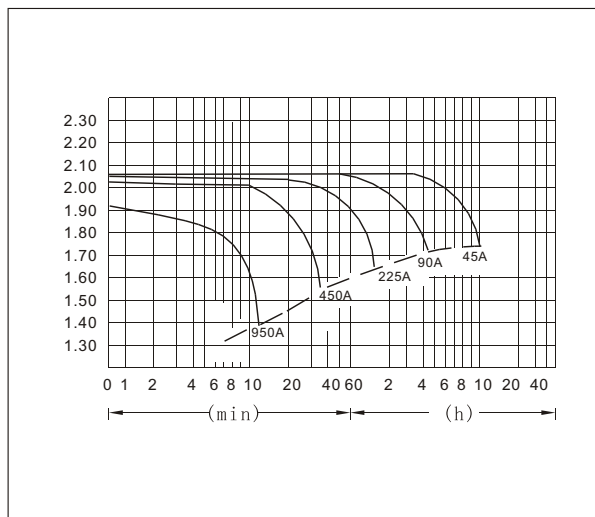
Terminal Type (mm)



Characteristics

Capacity 25°C(77°F)	10 hour rate(45A) 5 hour rate(72A) 1 hour rate(270A)	450 AH 360 AH 270 AH
Internal Resistance	Full charged Battery at 25°C(77°F)	Approx 0.39 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		T20
Charge (constant Voltage)	Cycle	Initial Charging Current less than 180 A Voltage 2.35-2.40V
	Float	Voltage 2.25-2.30V

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
1.60V	A 1441	950	765	513	270	157.5	115.7	90.0	74.3	52.7	47.3	26
	W 2479	1690	1368	919	486	288	214.5	168.8	140.7	100.6	91.0	49
1.70V	A 1396	857	721	491	254	150.3	112.5	87.8	72.9	51.3	46.4	24.8
	W 2485	1595	1344	918	478	289	217.1	170.1	141.6	100.0	90.8	48.4
1.75V	A 1350	766	630	459	246	146.7	109.8	86.4	72.0	50.9	45.5	24.8
	W 2458	1453	1199	880	474	284	213.2	168.5	140.7	99.7	89.6	48.8
1.80V	A 1301	722	586	423	238	143.1	107.1	85.1	70.2	49.5	45.0	24.3
	W 2434	1388	1125	817	461	279	210.5	167.4	138.3	97.8	89.1	48.2
1.85V	A 1258	677	541	378	230	139.5	103.5	82.8	68.4	48.2	42.8	23.0
	W 2377	1306	1049	737	450	275	204.9	164.4	136.0	96.1	86.0	46.4