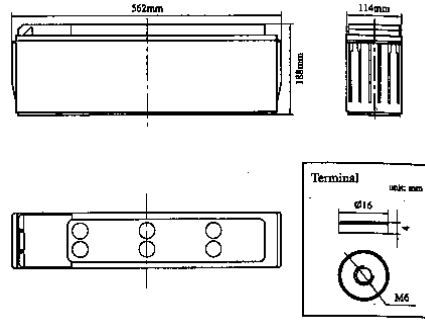


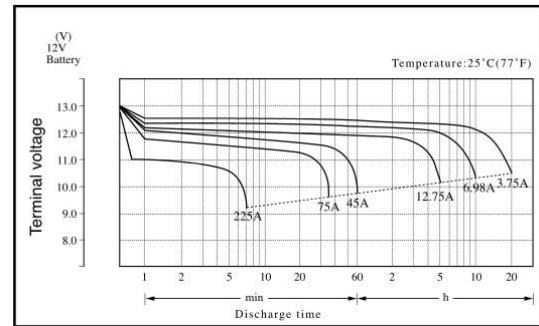
SBS P/N – 12AFT80



Specifications

Nominal Voltage		12V
Rated Capacity(10 hour rate)		75AH
Dimension	Total Height (with terminals)	188mm(7.40inches)
	Height	188mm(7.40inches)
	Length	562mm(22.13inches)
	Width	114mm(4.49inches)
Weight		Approx.28.5kg(62.83lbs)

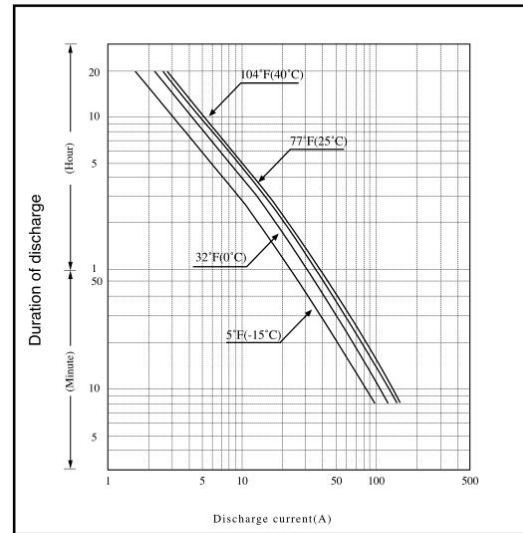
Discharge characteristics 77°F (25°C)



Characteristics

Capacity 77°F (25°C)	20 hour rate (4.03A)	80.6AH
	10 hour rate (7.5A)	75AH
	5 hour rate (13.7A)	68.5AH
	1 hour rate (48.4A)	48.4AH
	15 min rate (141.2A)	35.3AH
Internal Resistance	Full charged Battery 77°F (25°C)	5mΩ
Capacity affected by Temperature (20 hour rate)	104°F (40°C)	102%
	77°F (25°C)	100%
	32°F (0°C)	85%
	5°F (-15°C)	65%
Self-Discharge 77°F(25°C)	Capacity after 3 month storage	91%
	Capacity after 6 month storage	82%
	Capacity after 12 month storage	64%
Max. Discharge Current 77°F(25°C)		1125A (5S)
Terminal	Standard	Bolt-B
	Optional	
Charging (Constant Voltage)	Cycle	Initial Charging Current 15A Or Small 14.5V~14.9V/77°F (25°C)
	Float	13.6V~13.8V/77°F (25°C)

Duration of discharge vs. Discharge current



Constant Power discharge Watts Per Cell 77°F (25°C)

Cut off voltage V/cell	5M	10M	15M	30M	45M	1H	2H	3H	5H	8H	10H	12H	24H
1.60V	521	376	300	180	130	101	58.7	41.0	27.5	18.0	15.1	13.1	6.72
1.65V	512	372	297	179	128	100	58.3	40.6	27.5	18.0	15.1	13.1	6.72
1.67V	506	368	292	177	127	99.2	58.0	40.3	27.5	18.0	15.1	13.1	6.72
1.70V	491	358	282	172	126	98.3	57.6	40.0	27.5	18.0	15.1	13.1	6.72
1.75V	470	345	271	166	121	96.7	57.1	39.5	27.1	17.7	15.0	13.1	6.72
1.80V	450	328	259	160	113	95.1	56.4	39.0	26.7	17.4	14.7	12.9	6.72

Note The above data are average values, and can be obtained within 3 charge/discharge cycles. These are not minimum values.