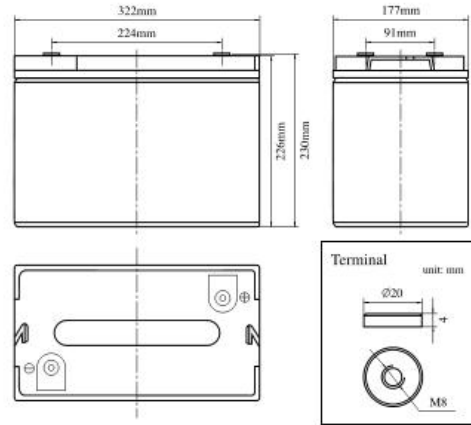


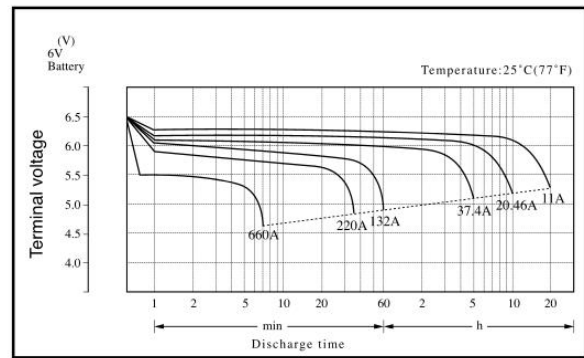
# S-6V220



## Specifications

Nominal Voltage		6V
Rated Capacity(20 hour rate)		220AH
Dimension	Total Height (with terminals)	230mm(9.06inches)
	Height	226mm(8.90inches)
	Length	322mm(12.68inches)
	Width	177mm(6.97inches)
Weight		Approx.36.0kg(79.37lbs)

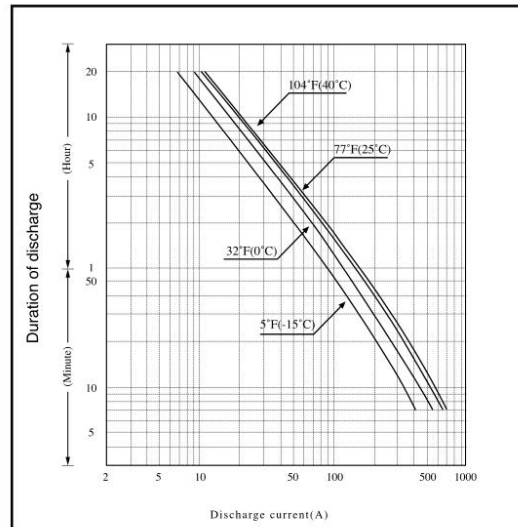
## Discharge characteristics 77°F (25°C)



## Characteristics

Capacity 77°F (25°C)	20 hour rate (11A)	220AH
	10 hour rate (20.46A)	204.6AH
	5 hour rate (37.4A)	187AH
	1 hour rate (132A)	132AH
	15 min rate (385A)	96.3AH
Internal Resistance	Full charged Battery 77°F (25°C)	1.5mΩ
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)	3300A (5S)	
Terminal	Standard	F17
	Optional	
Charging (Constant Voltage)	Cycle	Initial Charging Current 44A Or Small 7.25V~7.45V/77°F (25°C)
	Float	6.8V~6.9V/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	1076	858	708	461	347	277	162	113	75.7	49.7	42.0	36.3	18.7
1.65V	1018	823	685	454	343	274	160	112	75.1	49.7	42.0	36.3	18.7
1.67V	1008	812	675	450	341	271	161	111	74.9	49.7	42.0	36.3	18.7
1.70V	951	779	653	445	338	269	159	110	74.5	49.6	42.0	36.3	18.7
1.75V	897	734	626	435	329	268	158	110	74.0	49.1	41.6	36.3	18.7
1.80V	836	690	599	424	320	267	157	109	73.5	48.6	41.2	35.9	18.7

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