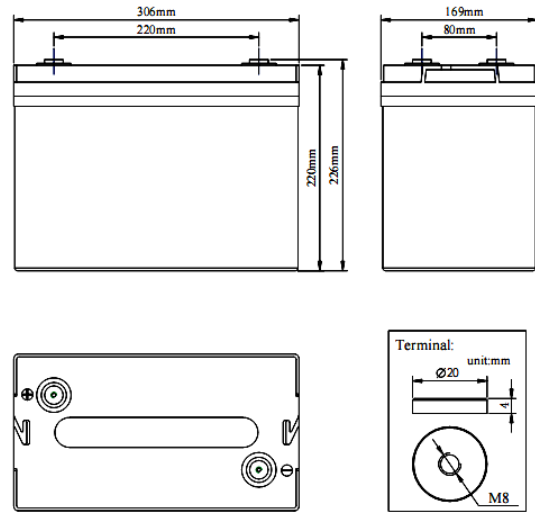


### Product Image



### Product Dimensions



### Characteristics

Nominal Voltage		6V
Nominal Capacity (20 hour rate)		220Ah
Capacity 25°C (77°F)	10 hour rate (19.8A)	198Ah
	5 hour rate (35.0A)	175Ah
	1 hour rate (122A)	122Ah
Internal Resistance	Full Charged Battery 25°C	≤2.8mΩ
Capacity affected by Temperature (10 hour)	40°C (104°F)	102%
	25°C (77°F)	100%
	0°C (32°F)	85%
	-15°C (5°F)	65%
Self-Discharge 25°C (77°F) Capacity	after 3 month storage	90%
	after 6 month storage	80%
	after 12 month storage	62%
Charge (Constant Voltage) 25°C (77°F)	Float	Initial Charging Current Less than 44A Voltage 6.8-6.9V
	Cycle	Initial Charging Current Less than 44A Voltage 7.2-7.45V

### Packaging

Battery Dimensions	Length	306mm
	Width	169mm
	Height	220mm
	Total Height	226mm
Box Dimensions	Length	321mm
	Width	183mm
	Height	265mm
Quantity Per Box		1 PC per box
Net weight Per Cell		32.0 kg±200g
Net weight Per Box		32.0kg
Gross Weight		32.5kg

#### Discharge Constant Current per Cell (Amperes at 77°F/25°C)

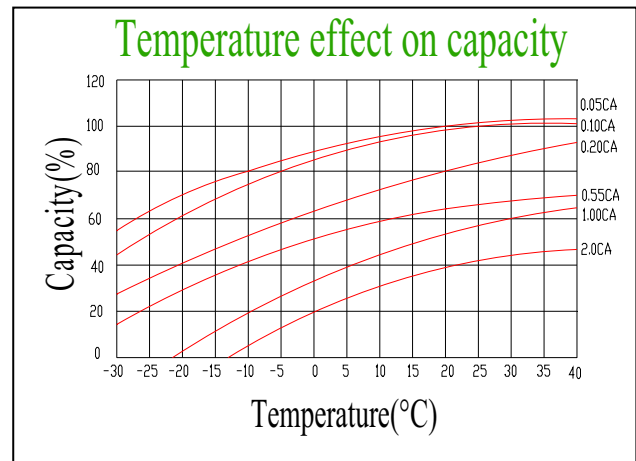
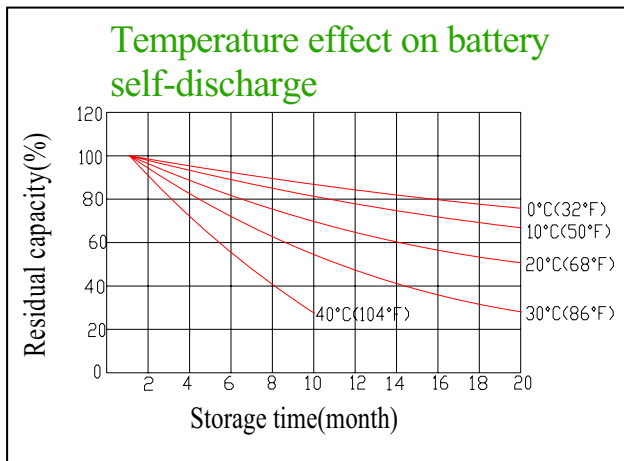
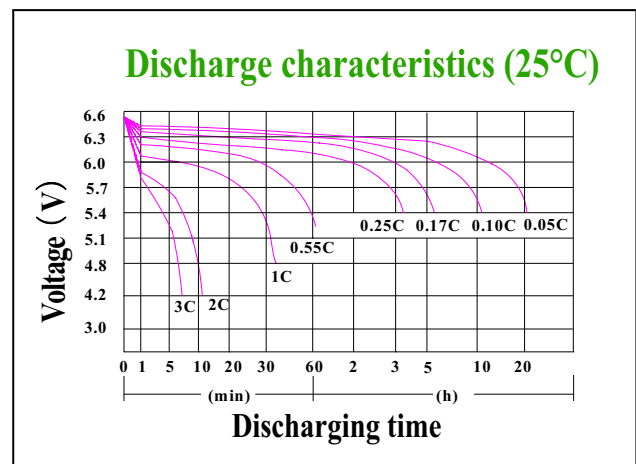
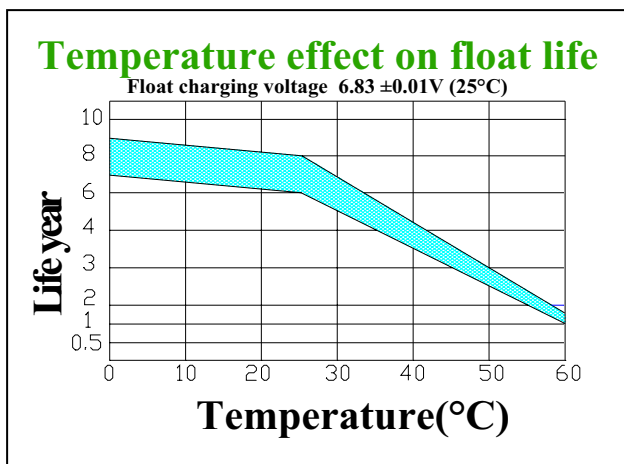
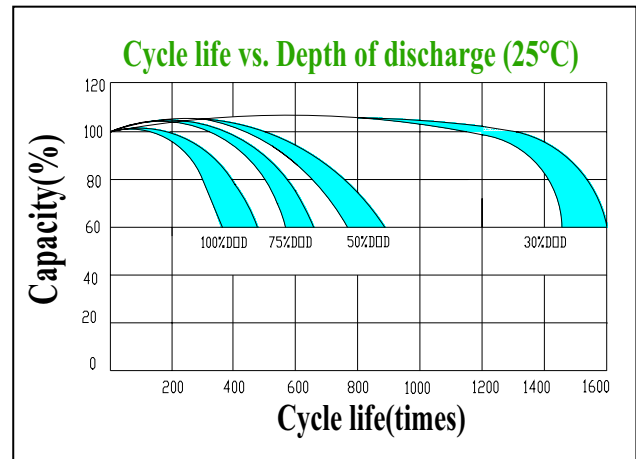
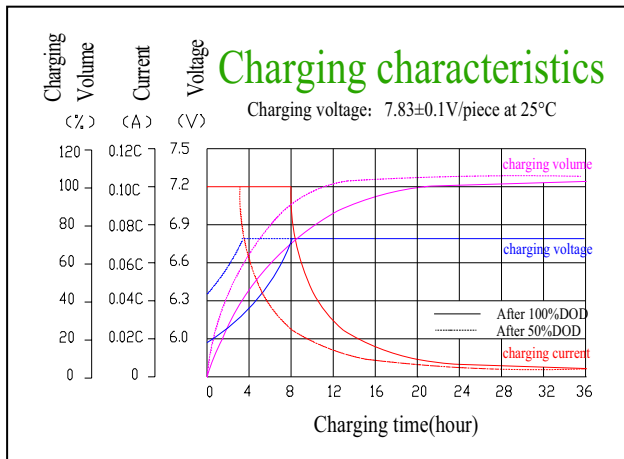
F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	522.7	333.2	283.1	180.8	132.9	122.0	77.5	54.5	37.0	24.4	21.8	12.1
1.65V	513.2	327.2	278.0	177.5	130.4	119.8	76.1	53.5	36.4	24.0	21.4	11.9
1.70V	503.7	321.1	272.8	174.2	128.0	117.5	74.7	52.5	35.7	23.5	21.0	11.7
1.75V	494.2	315.1	267.7	170.9	125.6	115.3	73.3	51.5	35.0	23.1	20.6	11.4
1.80V	475.2	302.9	257.4	164.3	120.8	110.9	70.5	49.5	33.7	22.2	19.8	11.00

#### Discharge Constant Power per Cell (Watts at 77°F 25°C)

F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	1006.2	641.5	545.0	348.0	255.8	234.8	149.3	104.8	71.3	47.0	41.9	23.3
1.65V	987.9	629.8	535.1	341.7	251.1	230.5	146.5	102.9	70.0	46.1	41.2	22.9
1.70V	969.6	618.1	525.2	335.3	246.5	226.3	143.8	101.0	68.7	45.3	40.4	22.4
1.75V	951.4	606.5	515.3	329.0	241.8	222.0	141.1	99.1	67.4	44.4	39.6	22.0
1.80V	914.8	583.2	495.5	316.4	232.5	213.4	135.7	95.3	64.8	42.7	38.1	21.2

**Note** The above data are average values, and can be obtained within 3 charge/discharge cycles. These are not minimum values. Cell and battery designs/specifications are subject to modification without notice. Contact **MCA** for the latest information.

## Performance Characteristics



## Battery Construction

Component	Positive plate	Negative plate	Container	Cover	Safety valve	Terminal	Separator	Electrolyte
Raw material	Lead dioxide	Lead	ABS	ABS	Si-Rubber	Copper	Fiberglass	Sulfuric acid