

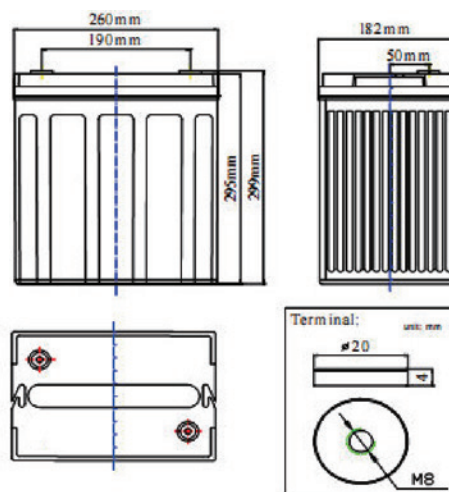
GC2-TP-225 6V225Ah

General purpose application series

TUBULAR PLATE



Product Dimensions



Characteristics

Nominal Voltage		6V
Nominal Capacity (20 hour rate)		225Ah
Capacity 25°C (77°F)	10 hour rate (20.3A)	203Ah
	5 hour rate (35.8A)	179Ah
	1 hour rate (124.7A)	124.7Ah
Internal Resistance	Full Charged Battery 25°C	≤2.7mΩ
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 45A Voltage 6.8-6.9V
	Cycle	Initial Charging Current Less than 45A Voltage 7.2-7.45V

Packaging

Battery Dimensions	Length	260mm
	Width	180mm
	Height	282mm
	Total Height	301mm
Box Dimensions	Length	321mm
	Width	183mm
	Height	265mm
Quantity Per Box		1 PC per box
Net weight Per Cell		28.6kg±3%
Net weight Per Box		28.6kg
Gross Weight		29.0kg

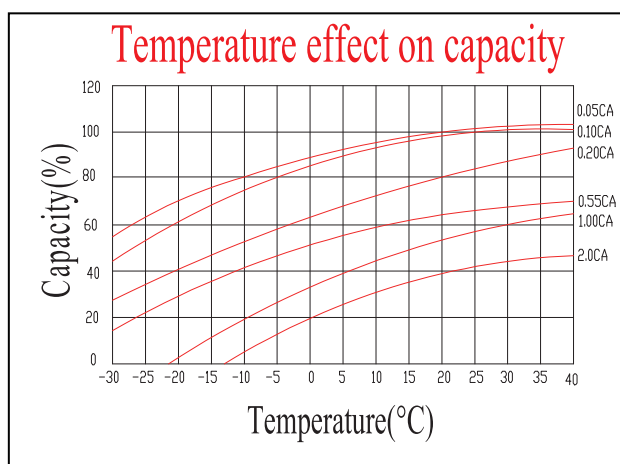
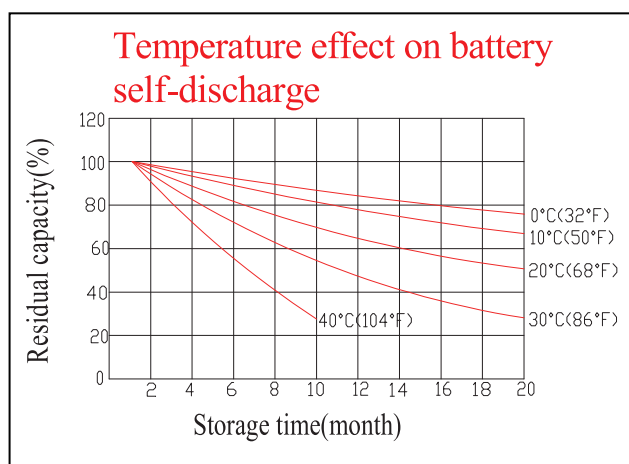
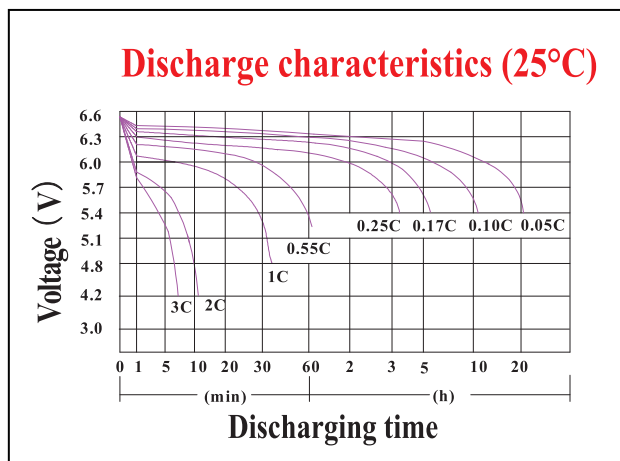
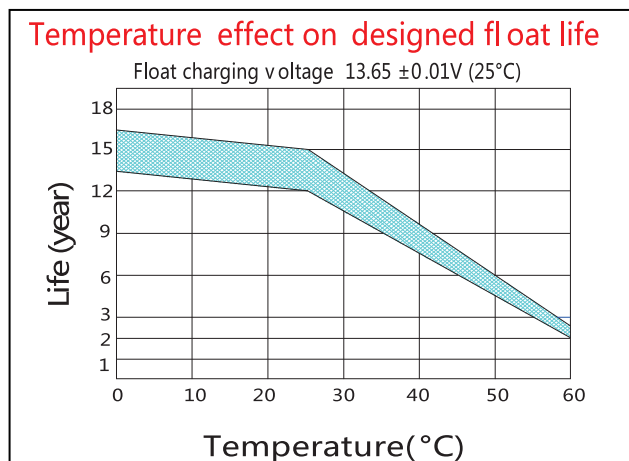
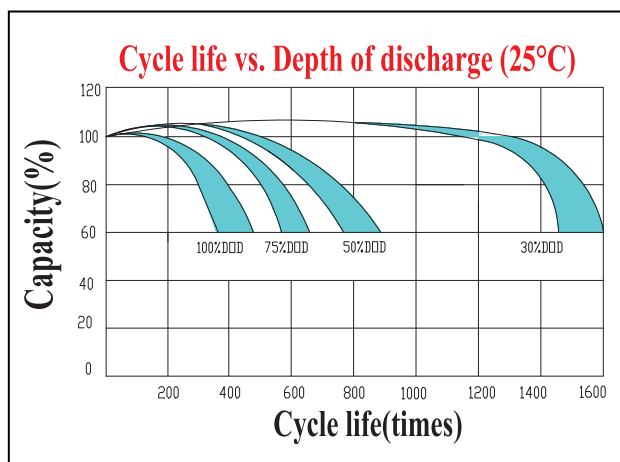
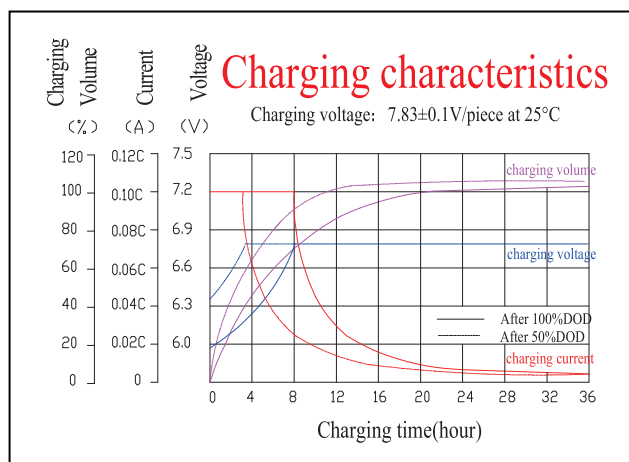
Discharge Constant Current per Cell (Amperes at 77°F25°C)

F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	534.6	340.8	289.6	184.9	135.9	124.7	79.5	55.7	37.9	24.9	22.3	12.4
1.65V	524.9	334.6	284.3	181.5	133.4	122.5	78.0	54.7	37.2	24.5	21.9	12.1
1.70V	515.2	328.4	279.0	178.2	130.9	120.2	76.6	53.7	36.5	24.0	21.5	11.9
1.75V	505.4	322.2	273.8	174.8	128.5	117.9	75.2	52.7	35.8	23.6	21.1	11.7
1.80V	486.0	309.8	263.3	168.1	123.5	113.4	72.3	50.6	34.4	22.7	20.3	11.25

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	1029.1	656.1	557.4	355.9	261.6	240.1	153.0	107.2	72.9	48.0	42.9	23.8
1.65V	1010.4	644.1	547.3	349.4	256.8	235.8	150.2	105.2	71.6	47.2	42.1	23.4
1.70V	991.7	632.2	537.2	343.0	252.1	231.4	147.5	103.3	70.2	46.3	41.3	23.0
1.75V	973.0	620.3	527.0	336.5	247.3	227.0	144.7	101.4	68.9	45.4	40.5	22.5
1.80V	935.6	596.4	506.8	323.5	237.8	218.3	139.1	97.5	66.3	43.7	39.0	21.7

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