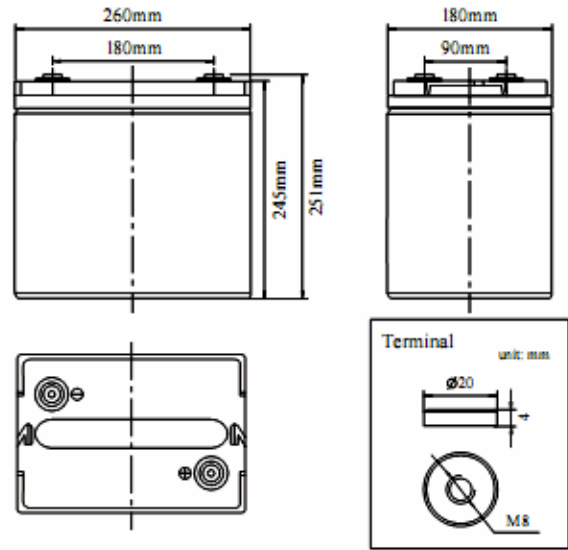


Product Image



Product Dimensions



Characteristics

Nominal Voltage		6V
Watts/cell@15min		720W
Capacity 25°C (77°F)	10 hour rate (18.0A)	180Ah
	5 hour rate (32.9A)	164.5Ah
	1 hour rate (120.8A)	120.8Ah
Internal Resistance	Full Charged Battery 25°C	≤2.3m Ω
Capacity affected by Temperature (10 hour)	40°C (104°F)	102%
	25°C (77°F)	100%
	0°C (32°F)	85%
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 36.0A Voltage 13.6-13.8V
	Cycle	Initial Charging Current Less than 36.0A Voltage 14.4-14.9V

Packaging

Battery Dimensions	Length	260mm
	Width	180mm
	Height	247mm
	Total Height	251mm
Box Dimensions	Length	275mm
	Width	194mm
	Height	305mm
Quantity Per Box		1 PC per box
Net weight Per Cell		30.8 kg±3%
Net weight Per Box		30.8kg
Gross Weight		31.3kg

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

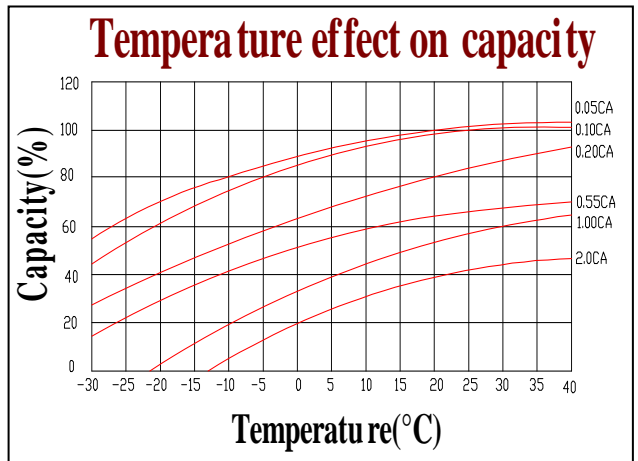
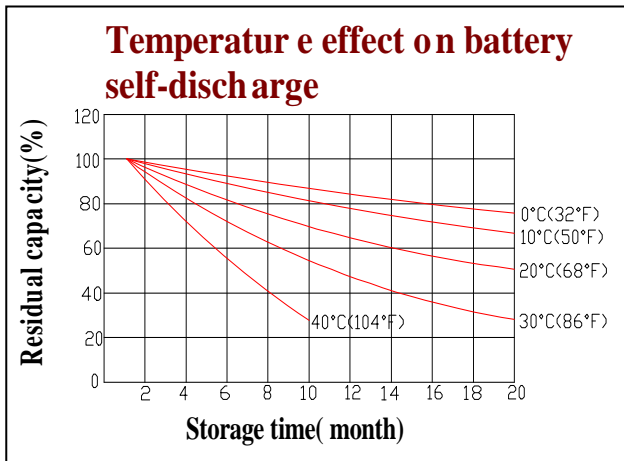
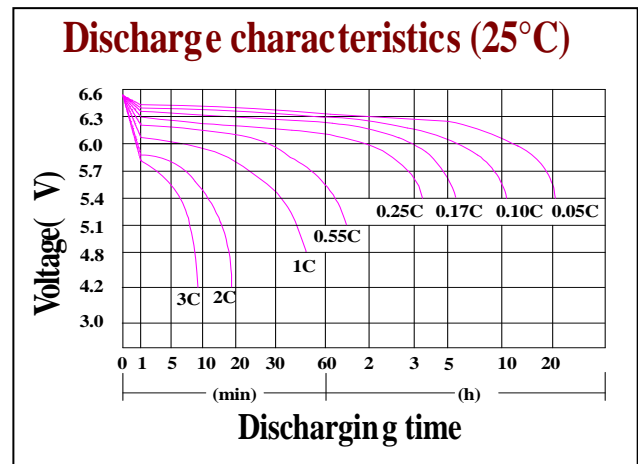
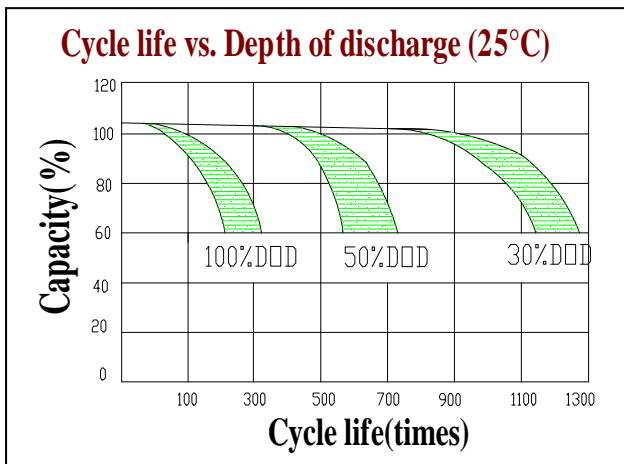
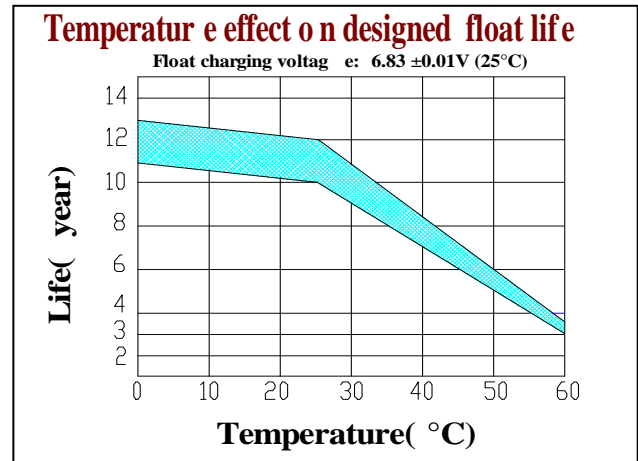
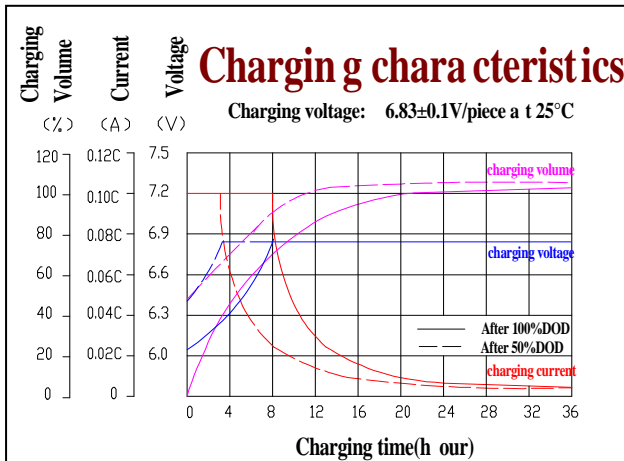
F.V/Time	5min	10min	15min	20min	25min	30min	45min	60min	90min	2h	3h	10h
1.60V	1257.7	1029.1	735.6	539.7	457.4	400.3	335.3	232.6	194.4	147.4	106.6	38.1
1.67V	1236.4	1010.3	720.0	533.0	448.8	392.8	329.2	228.3	191.0	144.7	104.8	37.3
1.70V	1211.8	991.7	709.1	523.2	440.7	385.6	323.1	224.0	187.1	141.7	102.7	36.9
1.75V	1188.8	972.9	695.6	506.5	432.5	378.5	317.1	220.1	183.6	139.0	100.9	35.9
1.80V	1143.5	935.6	668.7	485.1	415.8	363.8	304.9	211.4	176.7	133.9	97.0	34.7

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

F.V/Time	5min	10min	15min	20min	25min	30min	45min	60min	90min	2h	3h	10h
1.60V	653.33	534.6	382.1	280.4	237.6	208.0	174.2	120.8	101.0	76.6	55.4	19.8
1.67V	641.37	524.8	375.1	276.9	233.2	204.0	171.0	118.6	99.2	75.2	54.4	19.4
1.70V	629.53	515.2	368.3	271.8	228.9	200.3	167.8	116.4	97.2	73.6	53.4	19.2
1.75V	617.57	505.4	361.4	263.1	224.7	196.6	164.8	114.4	95.4	72.2	52.4	18.6
1.80V	594.0	486.0	347.4	252.0	216.0	189.0	158.4	109.8	91.8	69.6	50.4	18.0

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