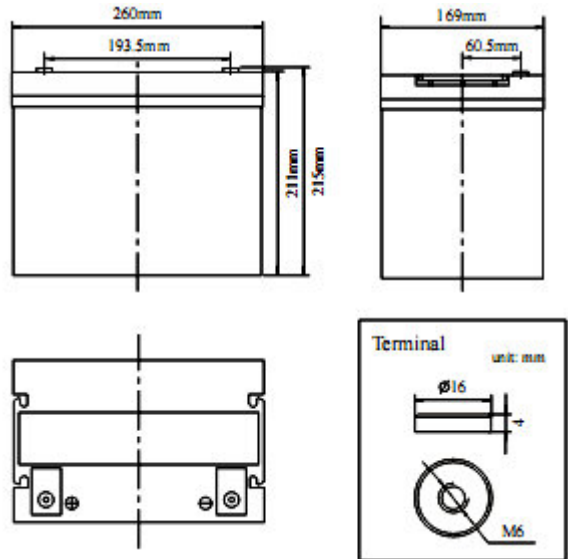


### Product Image



### Product Dimensions



### Characteristics

Nominal Voltage		12V
Nominal Capacity (10 hour rate)		75Ah
Capacity 25°C (77°F)	20 hour rate (4.1A)	82Ah
	5 hour rate (13.3A)	66.5Ah
	1 hour rate (42.2A)	42.2Ah
Internal Resistance	Full Charged Battery 25°C	≤6.0m 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 15A Voltage 13.6-13.8V
	Cycle	Initial Charging Current Less than 15A Voltage 14.4-14.9V

### Packaging

Battery Dimensions	Length	350mm
	Width	167mm
	Height	178mm
	Total Height	178mm
Box Dimensions	Length	275mm
	Width	183mm
	Height	272mm
Quantity Per Box		1 PC per box
Net weight Per Cell		22.2 kg±3%
Net weight Per Box		22.2kg
Gross Weight		22.7kg

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

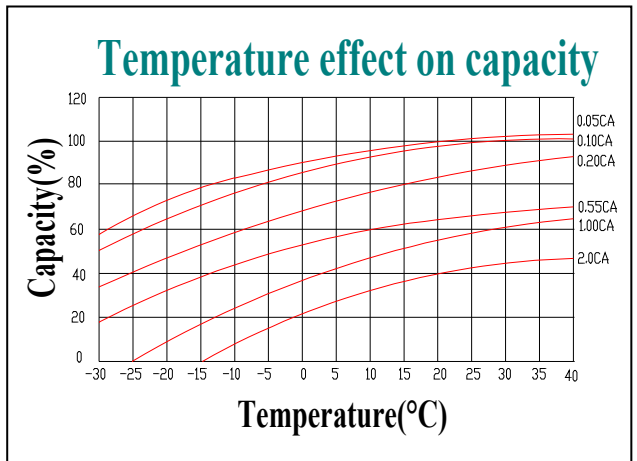
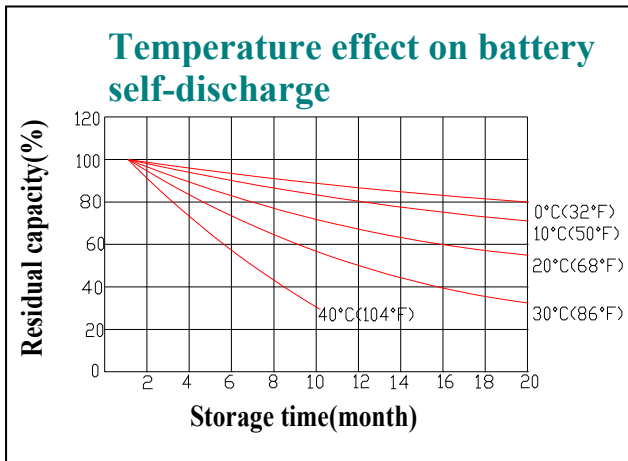
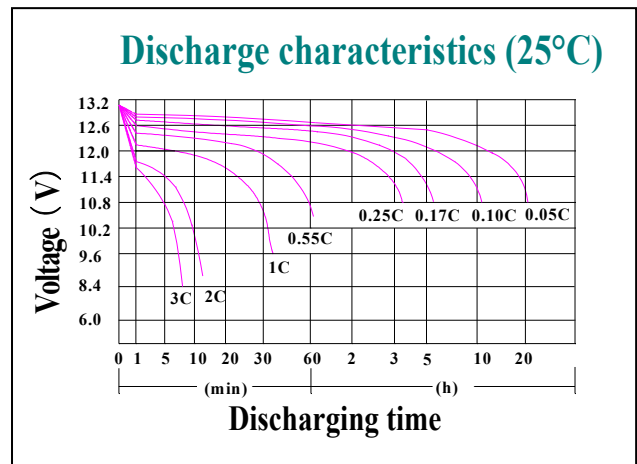
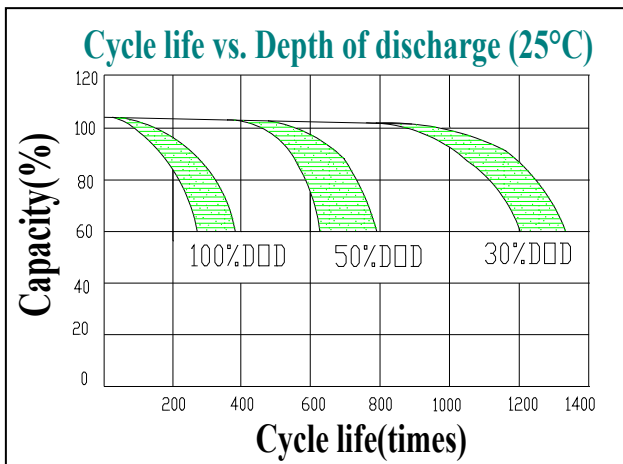
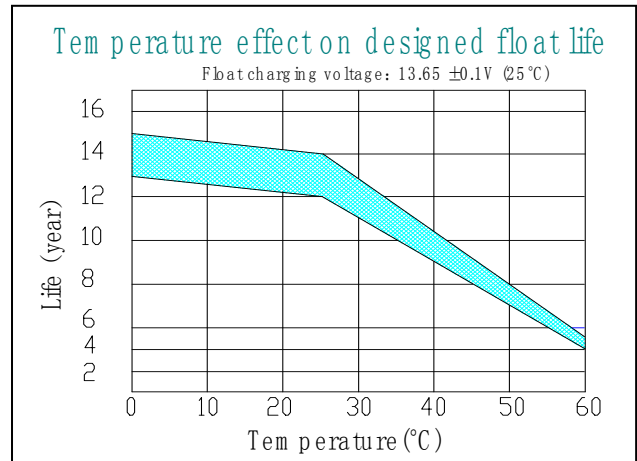
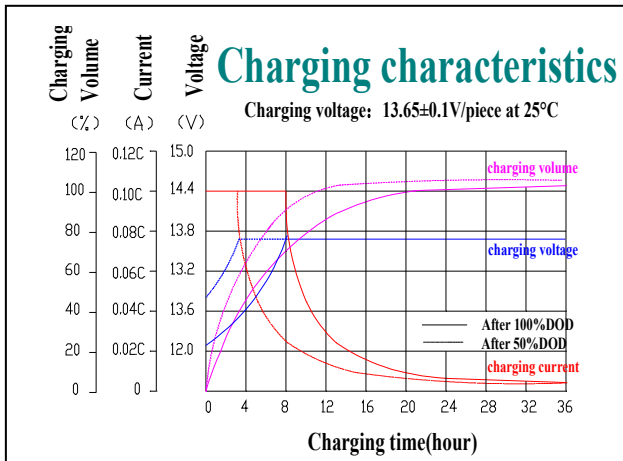
F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	209.6	130.4	99.0	72.6	51.2	44.6	30.1	20.6	14.0	9.2	8.3	4.5
1.65V	205.7	128.0	97.2	71.3	50.2	43.7	29.6	20.3	13.8	9.1	8.1	4.5
1.70V	201.9	125.6	95.4	70.0	49.3	42.9	29.0	19.9	13.5	8.9	8.0	4.4
1.75V	198.1	123.2	93.6	68.6	48.4	42.1	28.5	19.5	13.3	8.7	7.8	4.3
1.80V	190.5	118.5	90.0	66.0	46.5	40.5	27.4	18.8	12.8	8.4	7.5	4.1

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

F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	403.4	250.9	190.6	139.8	98.5	85.8	58.0	39.7	27.0	17.8	15.9	8.7
1.65V	396.0	246.4	187.1	137.2	96.7	84.2	56.9	39.0	26.5	17.5	15.6	8.6
1.70V	388.7	241.8	183.6	134.7	94.9	82.6	55.9	38.3	26.0	17.1	15.3	8.4
1.75V	381.4	237.2	180.2	132.1	93.1	81.1	54.8	37.5	25.5	16.8	15.0	8.3
1.80V	366.7	228.1	173.3	127.1	89.5	78.0	52.7	36.1	24.5	16.2	14.4	7.9

**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	GEL