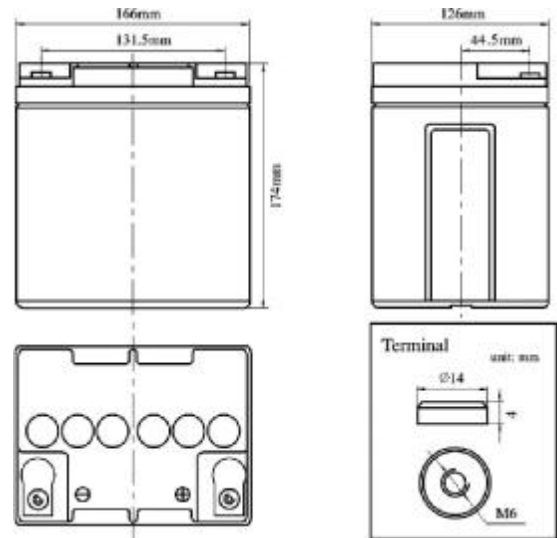


### Product Image



### Product Dimensions



### Characteristics

Nominal Voltage		12V
Nominal Capacity (10 hour rate)		24Ah
Capacity 25°C (77°F)	20 hour rate (1.33A)	26.6Ah
	5 hour rate (4.4A)	22.0Ah
	1 hour rate (16.0A)	16.0Ah
Internal Resistance	Full Charged Battery 25°C	≤14mΩ
Capacity affected by Temperature (10 hour)	40°C (104°F)	102%
	25°C (77°F)	100%
	0°C (32°F)	90%
	-15°C (5°F)	70%
Self-Discharge 25°C (77°F) Capacity	after 3 month storage	92%
	after 6 month storage	84%
	after 12 month storage	65%
Charge (Constant Voltage) 25°C (77°F)	Float	Initial Charging Current Less than 6.0A Voltage 13.6-13.8V
	Cycle	Initial Charging Current Less than 6.0A Voltage 14.4-14.9V

### Packaging

Battery Dimensions	Length	165mm
	Width	126mm
	Height	174mm
	Total Height	179mm
Box Dimensions	Length	273mm
	Width	178mm
	Height	220mm
Quantity Per Box		2 PC per box
Net weight Per Cell		7.8 kg±100g
Net weight Per Box		15.6kg
Gross Weight		16.1kg

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

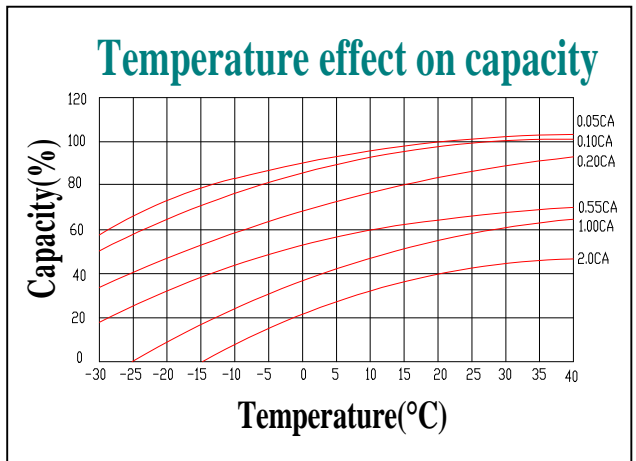
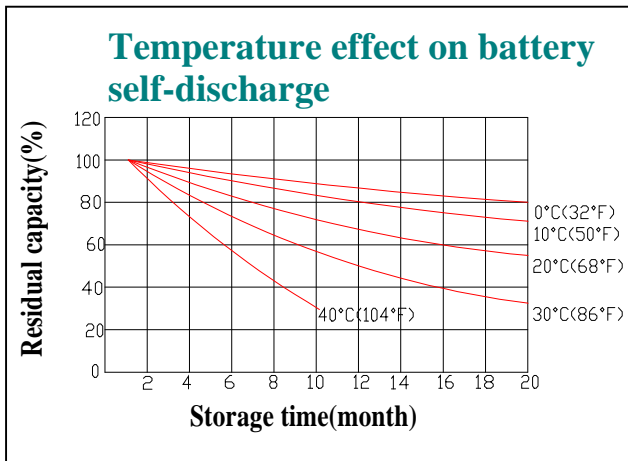
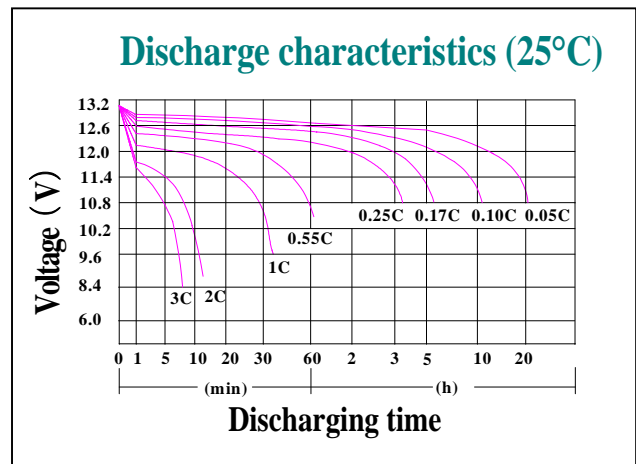
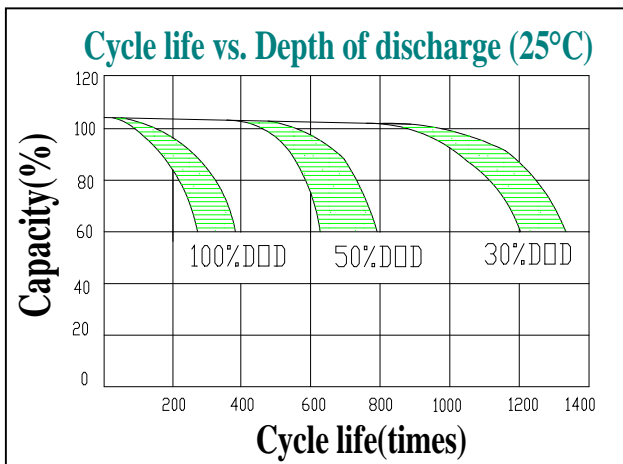
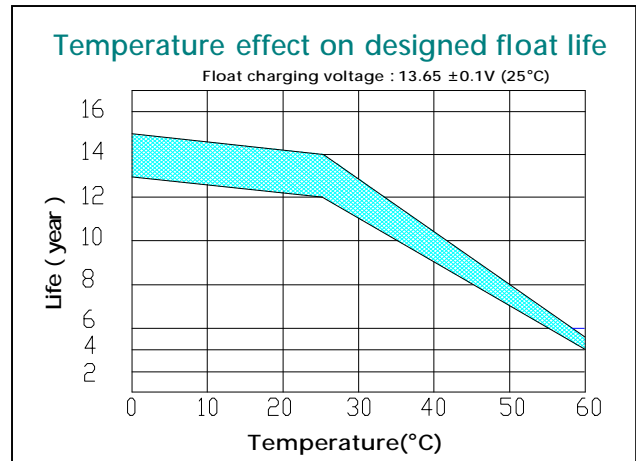
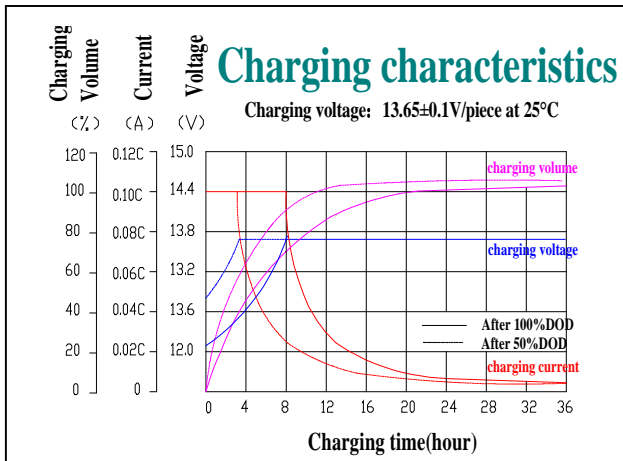
F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	80.7	53.8	40.5	25.2	18.1	16.0	9.7	7.1	4.6	2.8	2.50	1.39
1.65V	74.4	49.6	38.8	24.5	17.6	15.5	9.6	7.0	4.5	2.8	2.47	1.37
1.70V	75.7	50.4	37.1	23.9	17.1	15.1	9.4	6.9	4.4	2.7	2.45	1.36
1.75V	66.8	44.5	35.5	23.2	16.6	14.7	9.2	6.7	4.4	2.7	2.42	1.35
1.80V	63.0	42.0	33.8	22.5	16.2	14.3	8.9	6.5	4.3	2.7	2.40	1.33

### 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	150.5	100.3	75.6	47.0	33.7	29.8	18.1	13.3	8.5	5.2	4.7	2.6
1.65V	138.7	92.4	72.4	45.8	32.8	29.0	17.8	13.0	8.4	5.2	4.6	2.6
1.70V	141.1	94.0	69.3	44.5	31.9	28.2	17.5	12.8	8.3	5.1	4.6	2.5
1.75V	124.6	83.0	66.1	43.2	31.0	27.4	17.1	12.5	8.2	5.1	4.5	2.5
1.80V	117.6	78.3	63.0	42.0	30.1	26.6	16.7	12.2	8.1	5.0	4.5	2.5

**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