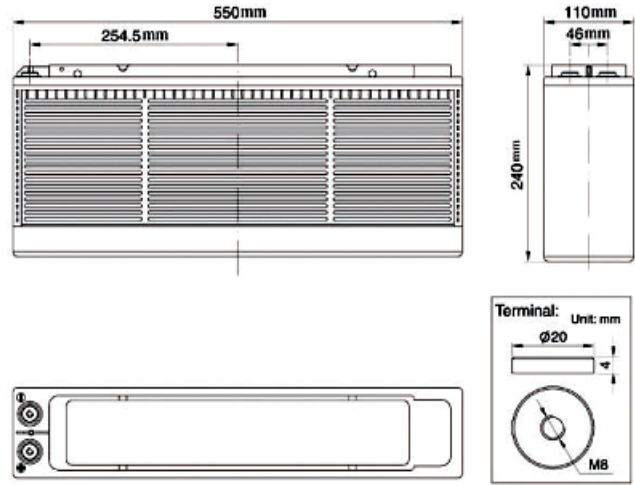


### Product Image



### Product Dimensions



### Characteristics

Nominal Voltage		12V
Nominal Capacity (20 hour rate)		125Ah
Capacity 25°C (77°F)	10 hour rate (11.9A)	119Ah
	5 hour rate (22.3A)	111.5Ah
	1 hour rate (82.5A)	82.5Ah
Internal Resistance	Full Charged Battery 25°C	≤3.2mΩ
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 25A Voltage 13.6-13.8V
	Cycle	Initial Charging Current Less than 25A Voltage 14.4-14.9V

### Packaging

Battery Dimensions	Length	550mm
	Width	110mm
	Height	240mm
	Total Height	240mm
Box Dimensions	Length	565mm
	Width	125mm
	Height	300mm
Quantity Per Box		1 PC per box
Net weight Per Cell		40.0 kg ± 400g
Net weight Per Box		40.0kg
Gross Weight		40.6kg

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

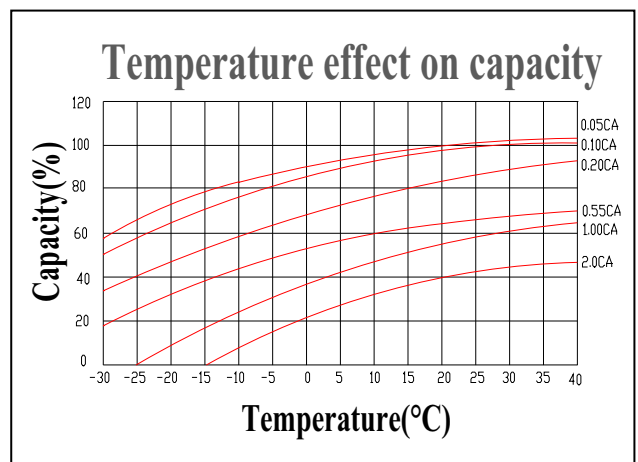
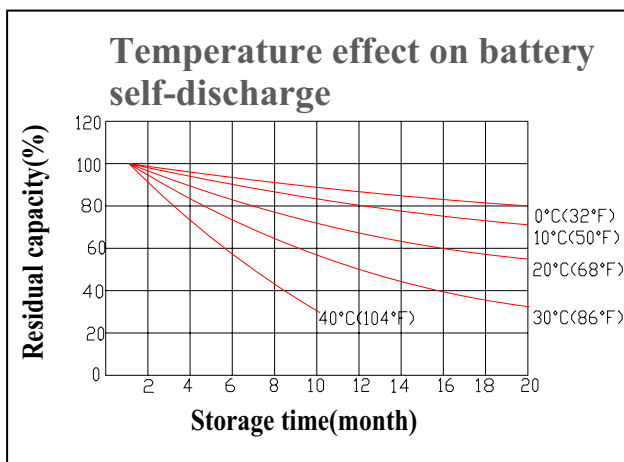
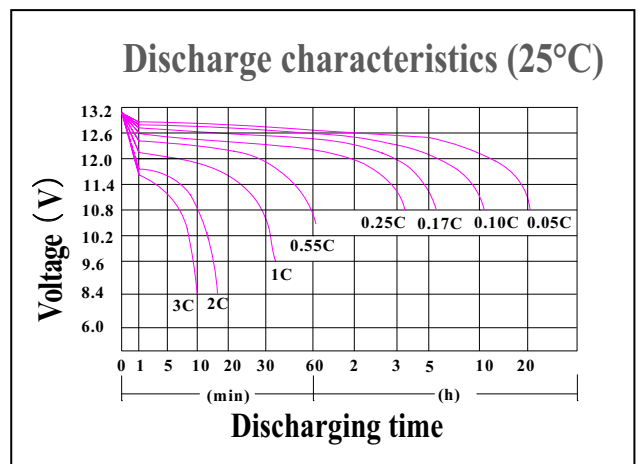
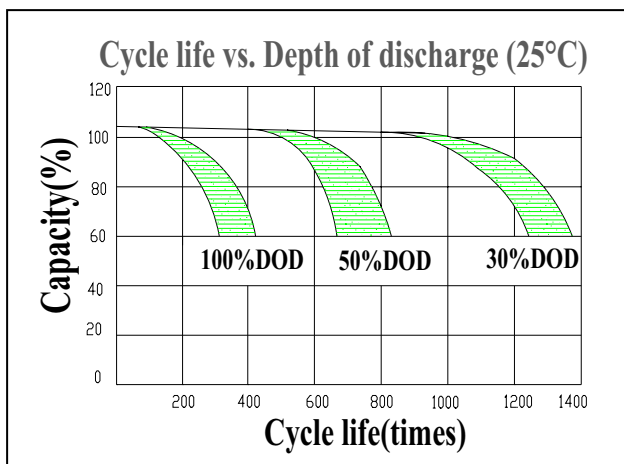
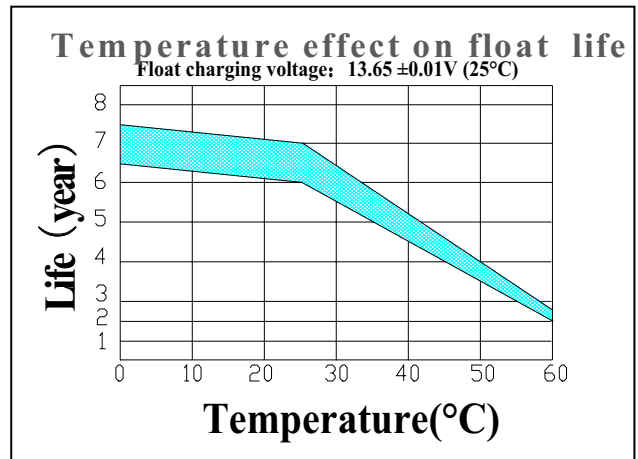
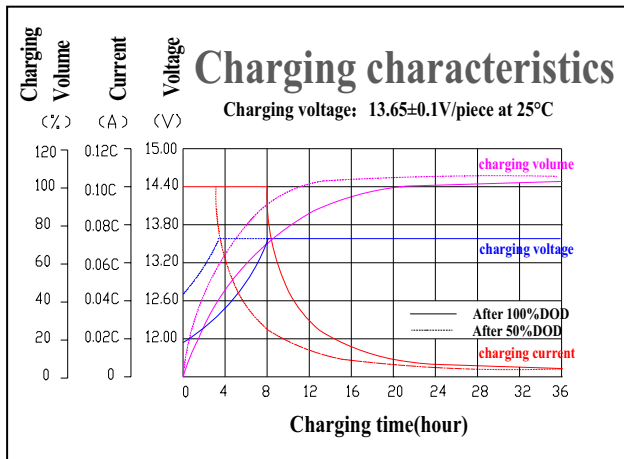
F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	357.5	275.0	206.9	137.5	96.3	82.5	51.6	35.3	23.6	15.84	13.09	6.88
1.65V	351.0	270.0	203.2	135.0	94.5	81.0	50.6	34.7	23.1	15.55	12.85	6.75
1.70V	344.5	265.0	199.4	132.5	92.8	79.5	49.7	34.1	22.7	15.26	12.61	6.63
1.75V	338.0	260.0	195.6	130.0	91.0	78.0	48.8	33.4	22.3	14.97	12.37	6.50
1.80V	325.0	250.0	188.1	125.0	87.5	75.0	46.9	32.1	21.4	14.40	11.90	6.25

#### 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	688.2	529.4	398.3	264.7	185.3	158.8	99.3	68.0	45.3	30.5	25.2	13.2
1.65V	675.7	519.8	391.1	259.9	181.9	155.9	97.5	66.8	44.5	29.9	24.7	13.0
1.70V	663.2	510.1	383.8	255.1	178.5	153.0	95.6	65.6	43.7	29.4	24.3	12.8
1.75V	650.7	500.5	376.6	250.3	175.2	150.2	93.8	64.3	42.9	28.8	23.8	12.5
1.80V	625.6	481.3	362.1	240.6	168.4	144.4	90.2	61.8	41.2	27.7	22.9	12.0

**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	GEL