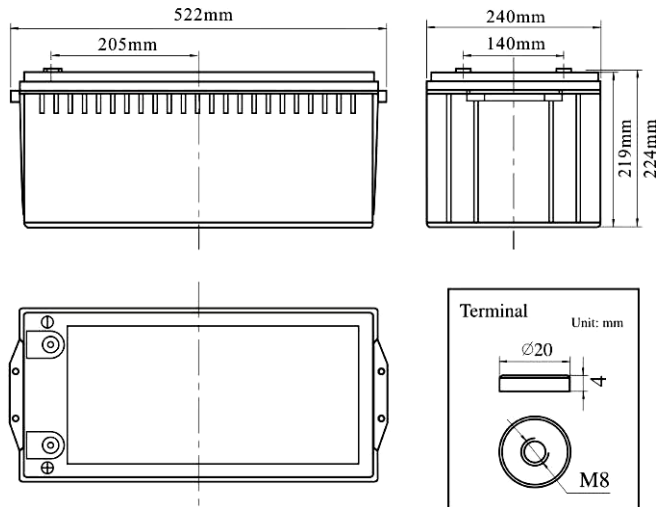


Product Image



Product Dimensions



Characteristics

Nominal Voltage		12V
Watts/cell@15min		770W
Capacity 25°C (77°F)	10 hour rate (22.0A)	220Ah
	5 hour rate (36A)	180Ah
	1 hour rate (130A)	130Ah
Internal Resistance	Full Charged Battery 25°C	≤3.1m Ω
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 44.0A Voltage 13.6-13.8V
	Cycle	Initial Charging Current Less than 44.0A Voltage 14.4-14.9V

Packaging

Battery Dimensions	Length	522mm
	Width	240mm
	Height	219mm
	Total Height	225mm
Box Dimensions	Length	537mm
	Width	255mm
	Height	299mm
Quantity Per Box		1 PC per box
Net weight Per Cell		68 kg±3%
Net weight Per Box		68kg
Gross Weight		68.8kg

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

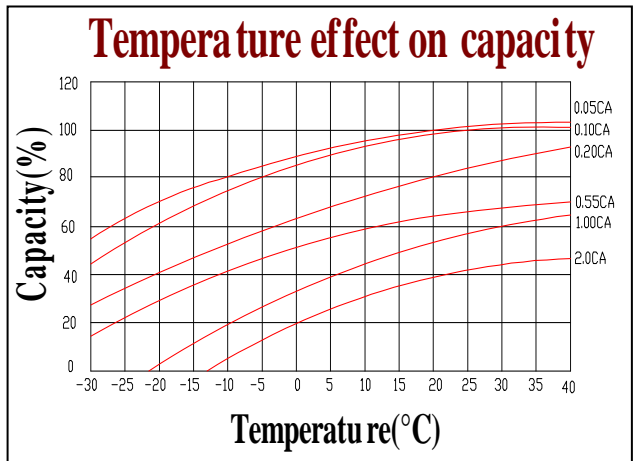
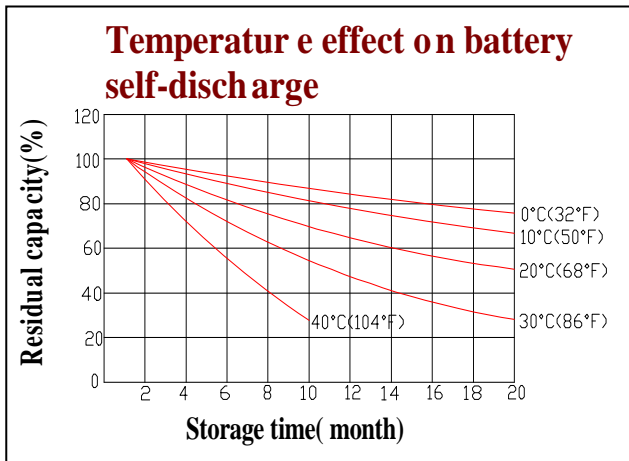
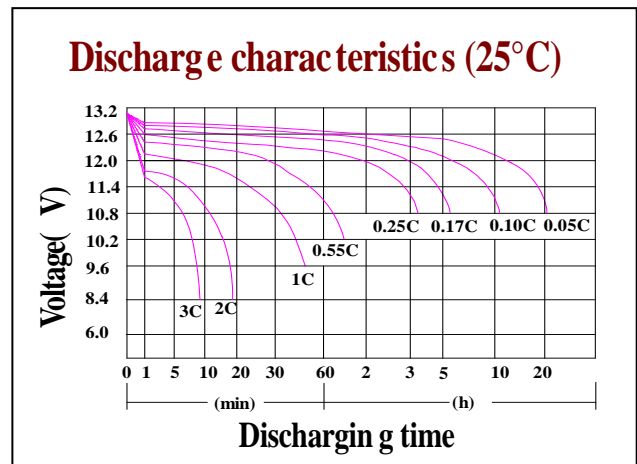
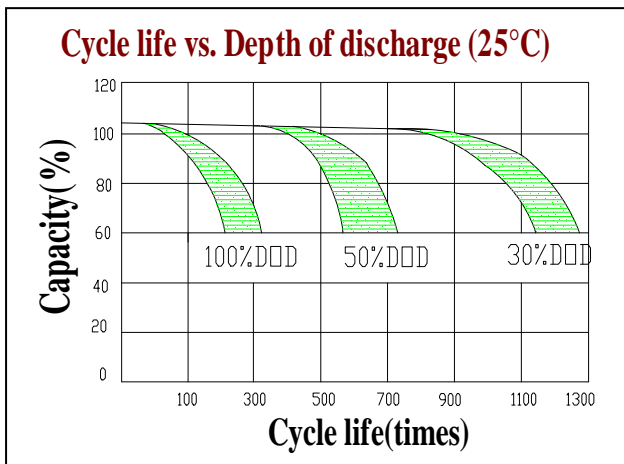
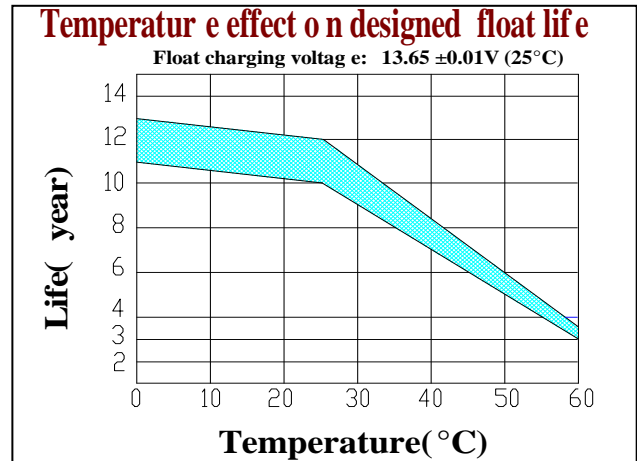
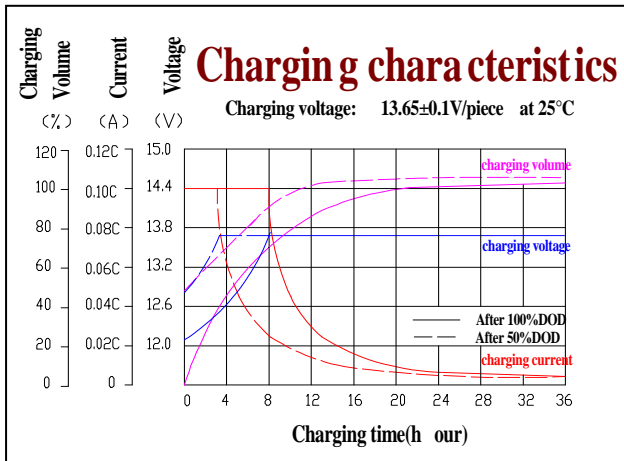
F.V/Time	10min	15min	20min	25min	30min	45min	60min	90min	2h	3h	10h
1.60V	992.8	789.8	639.1	541.7	474.0	397.0	275.4	230.2	174.4	126.2	45.1
1.67V	974.8	770.0	631.1	531.5	465.1	389.8	270.3	226.2	171.3	124.1	44.1
1.70V	956.8	761.4	619.4	521.9	456.6	382.6	265.2	221.4	167.7	121.6	43.6
1.75V	938.7	746.9	599.8	512.2	448.2	375.4	260.5	217.4	164.6	119.5	42.6
1.80V	902.7	718.0	574.4	492.4	430.8	361.1	250.3	209.3	158.5	114.9	41.0

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

F.V/Time	10min	15min	20min	25min	30min	45min	60min	90min	2h	3h	10h
1.60V	532.4	423.5	342.7	290.5	254.1	212.9	147.7	123.5	93.5	67.7	24.2
1.67V	522.7	415.7	338.4	285.0	249.4	209.0	144.9	121.3	91.9	66.6	23.7
1.70V	513.0	408.2	332.1	279.8	244.8	205.2	142.2	118.7	89.9	65.2	23.4
1.75V	503.3	400.5	321.6	274.6	240.3	201.3	139.7	116.6	88.3	64.1	22.8
1.80V	484.0	385.0	308.0	264.0	231.0	193.6	134.2	112.2	85.0	61.6	22.0

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