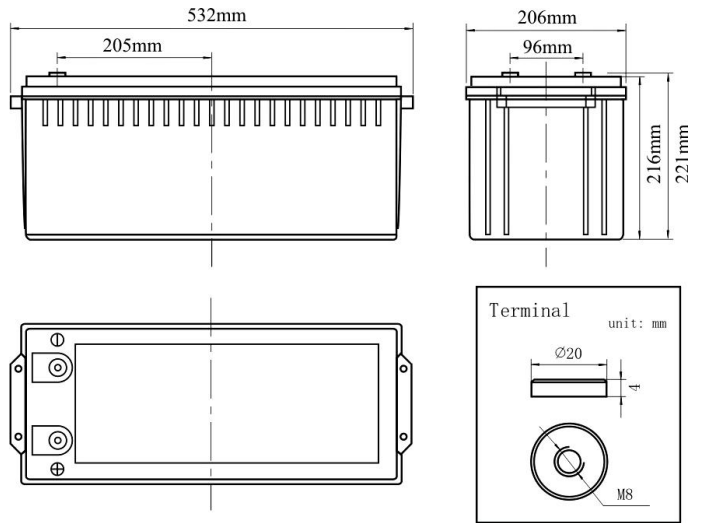


Product Image



Product Dimensions



Characteristics

Nominal Voltage		12V
Nominal Capacity (20 hour rate)		200Ah
Capacity 25°C (77°F)	10 hour rate (18.0A)	180Ah
	5 hour rate (32.3A)	161.6Ah
	1 hour rate (111A)	111Ah
Internal Resistance	Full Charged Battery 25°C	≤3.0m 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 40A Voltage 13.6-13.8V
	Cycle	Initial Charging Current Less than 40A Voltage 14.4-14.9V

Packaging

Battery Dimensions	Length	532mm
	Width	206mm
	Height	216mm
	Total Height	221mm
Box Dimensions	Length	537mm
	Width	221mm
	Height	296mm
Quantity Per Box		1 PC per box
Net weight Per Cell		59.0 kg±3%
Net weight Per Box		59.0kg
Gross Weight		60.0kg

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

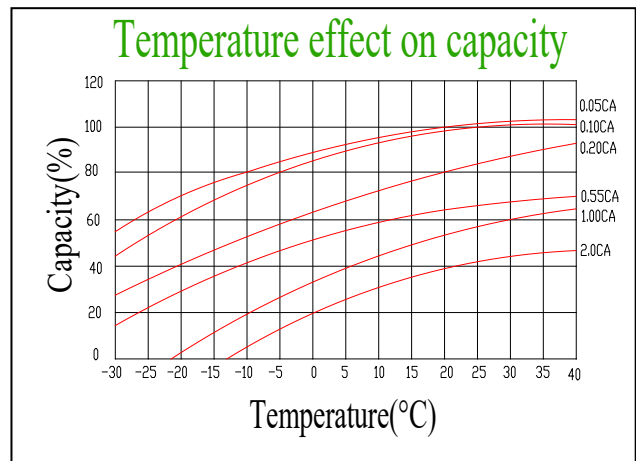
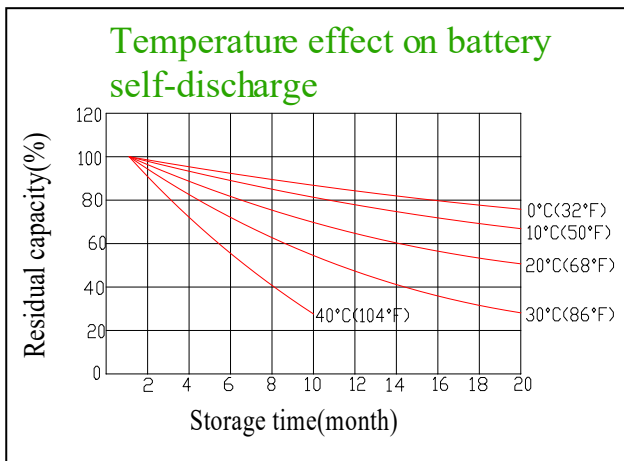
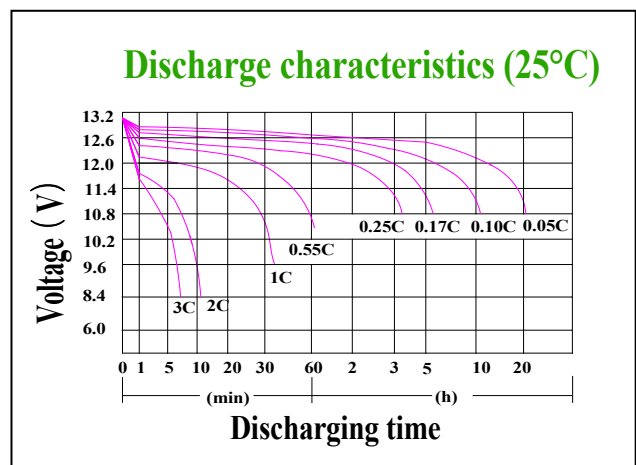
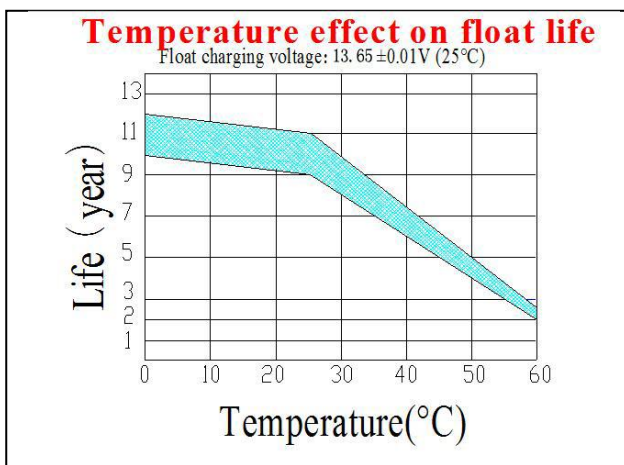
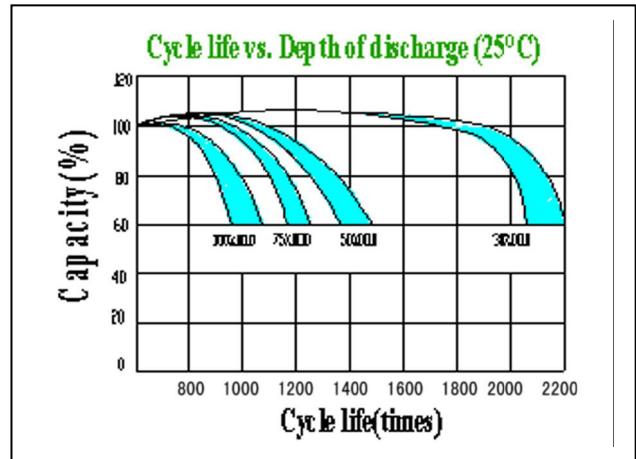
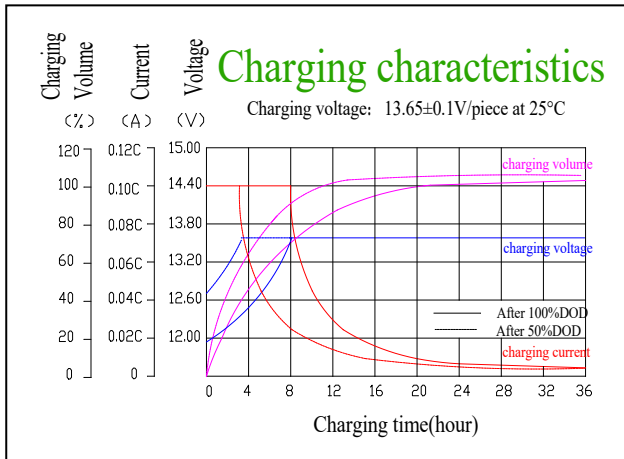
F.V/Time	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h	24h	100h
1.60V	257.4	163.9	121.0	111.1	70.5	49.5	33.7	22.2	19.8	10.8	10.8	2.4
1.65V	252.7	160.9	118.8	109.1	69.2	48.6	33.0	21.8	19.4	10.6	10.6	2.4
1.70V	248.0	157.9	116.6	107.1	67.9	47.7	32.4	21.4	19.1	10.4	10.4	2.3
1.75V	243.4	155.0	114.4	105.0	66.7	46.8	31.8	21.0	18.7	10.2	10.2	2.3
1.80V	234.0	149.0	110.0	101.0	64.1	45.0	30.6	20.2	18.0	10.0	9.8	2.2

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

F.V/Time	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h	24h	100h
1.60V	495.5	315.5	232.9	213.9	135.7	95.3	64.8	42.8	38.1	20.8	20.8	4.62
1.65V	486.5	309.8	228.7	210.0	133.3	93.6	63.6	42.0	37.4	20.4	20.4	4.53
1.70V	477.5	304.0	224.5	206.1	130.8	91.8	62.4	41.2	36.7	20.0	20.0	4.44
1.75V	468.5	298.3	220.2	202.2	128.3	90.1	61.3	40.4	36.0	19.6	19.6	4.36
1.80V	450.5	286.8	211.8	194.4	123.4	86.6	58.9	38.9	34.7	19.3	18.9	4.27

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 **US** 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

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