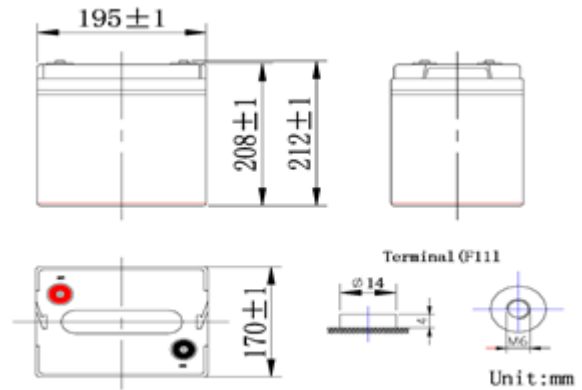


Product Image



Product Dimensions



Characteristics

Nominal Voltage		6V
Nominal Capacity (10 hour rate)		120Ah
Capacity 25°C(77°F)	20 hour rate (6.66A)	133.2Ah
	5 hour rate (21.96A)	109.8Ah
	1 hour rate (79.8A)	79.8Ah
Full Charged Battery 25°C	Full Charged Battery 25°C	≤2.7mΩ
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%
after 3 month storage	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 30A Voltage 6.8-6.9V
	Cycle	Initial Charging Current Less than 30A Voltage 7.2-7.45V

Packaging

Battery Dimensions	Length	195mm
	Width	170mm
	Height	206mm
	Total Height	112mm
Box Dimensions	Length	210mm
	Width	184mm
	Height	256mm
Quantity Per Box		1 PC per box
Net weight Per Cell		17 kg±200g
Net weight Per Box		17kg
Gross Weight		17.5kg

Discharge Constant Current per Cell (Amperes at 77°F25°C)

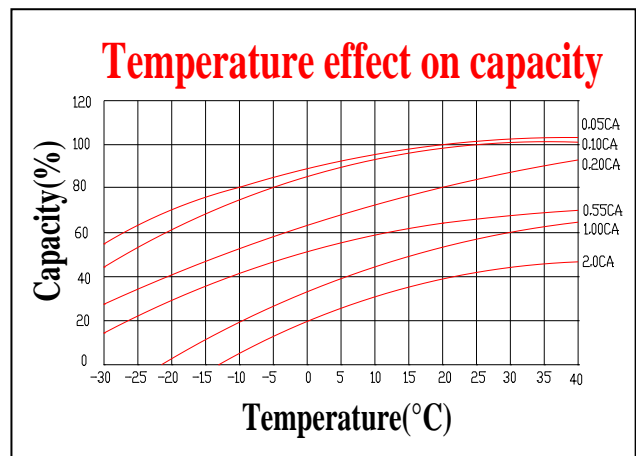
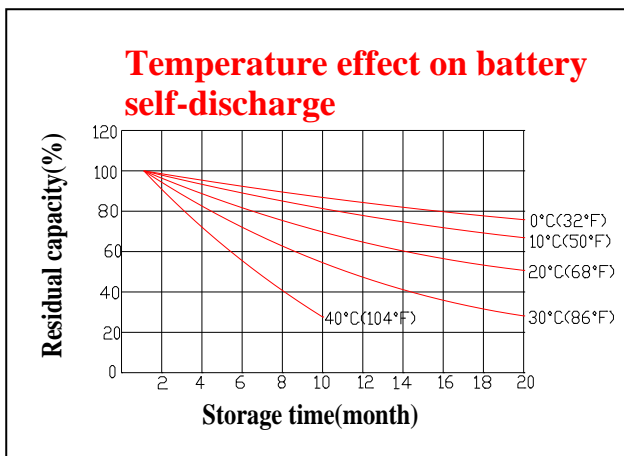
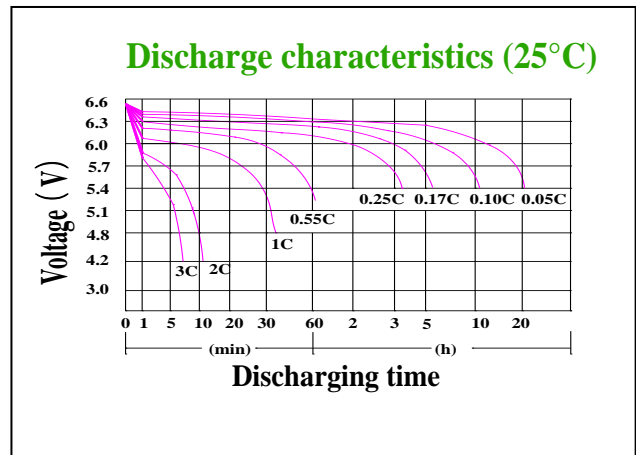
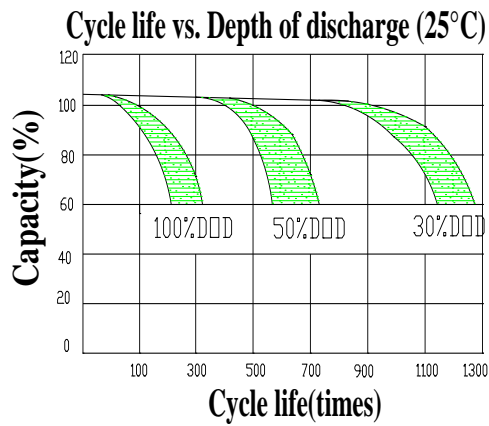
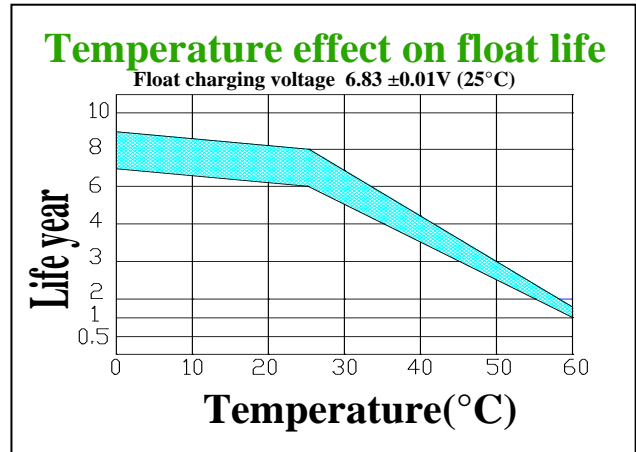
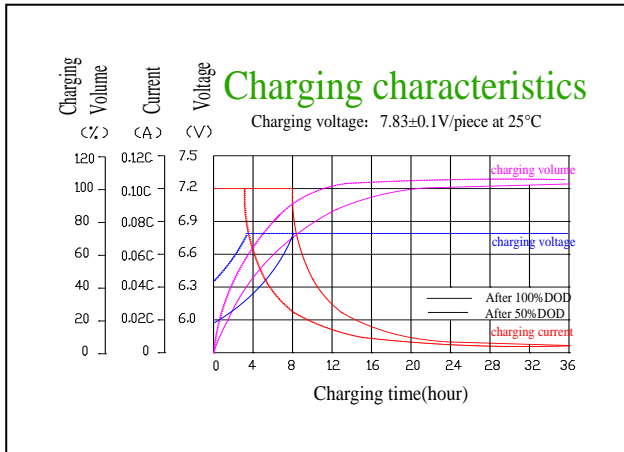
F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	346.8	223.0	185.8	123.8	88.8	76.6	33.8	33.0	22.4	14.8	13.2	7.0
1.65V	340.4	218.9	182.4	121.6	87.2	75.1	33.1	32.4	22.1	14.5	13.0	6.9
1.70V	334.2	214.8	178.9	119.3	85.6	73.8	32.5	31.8	21.6	14.3	12.7	6.7
1.75V	327.8	210.8	175.6	117.1	84.0	72.4	31.9	31.2	21.2	13.9	12.5	6.6
1.80V	315.2	202.7	168.8	112.6	80.8	69.6	30.7	30.0	20.4	13.4	12.0	6.4

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	505.7	325.1	270.8	180.6	129.6	111.7	49.3	48.1	32.7	21.6	19.3	10.2
1.65V	667.6	429.1	357.5	238.3	171.0	147.4	65.0	63.5	43.2	28.4	25.4	13.4
1.70V	655.4	421.3	351.0	234.0	167.9	144.7	63.8	62.4	42.4	28.0	25.0	13.2
1.75V	643.2	413.5	344.5	229.7	164.8	142.0	62.6	61.2	41.6	27.5	24.5	13.0
1.80V	631.1	405.7	338.0	225.4	161.6	139.3	61.6	60.1	40.8	26.9	24.0	12.7

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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