

Product Image



Product Dimensions

Characteristics

Nominal Voltage		12V
Nominal Capacity (20 hour rate)		75Ah
Capacity 25°C (77°F)	10 hour rate (6.8A)	67.5Ah
	5 hour rate (12.1A)	60.6Ah
	1 hour rate (41.6A)	41.6Ah
Internal Resistance	Full Charged Battery 25°C	≤6mΩ
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 15A Voltage 13.6-13.8V
	Cycle	Initial Charging Current Less than 15A Voltage 14.4-14.9V

Packaging

Battery Dimensions	Length	266mm
	Width	169mm
	Height	211mm
	Total Height	215mm
Box Dimensions	Length	275mm
	Width	183mm
	Height	272mm
Quantity Per Box		1 PC per box
Net weight Per Cell		25.0 kg±3%
Net weight Per Box		25.0kg
Gross Weight		25.5kg

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

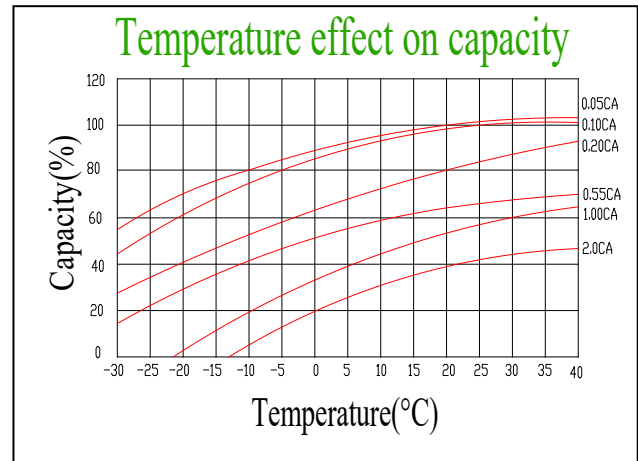
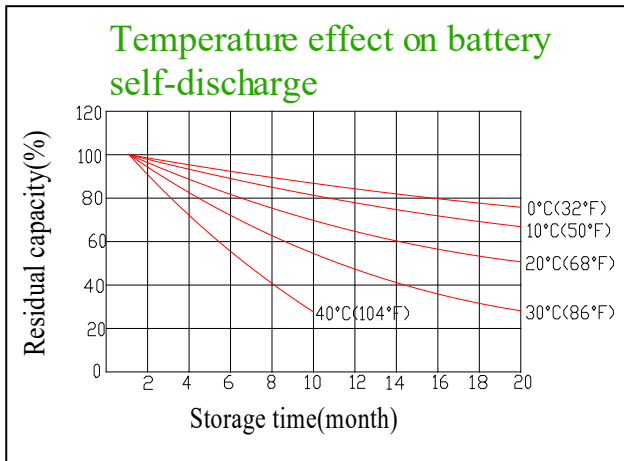
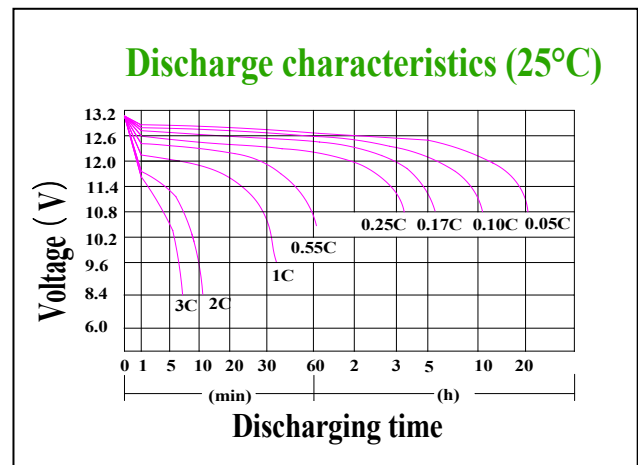
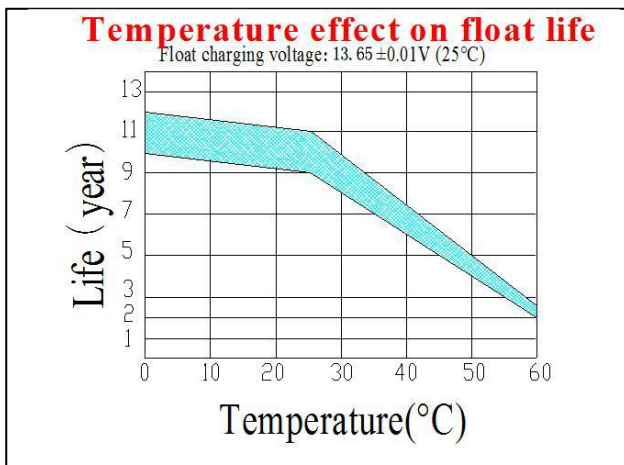
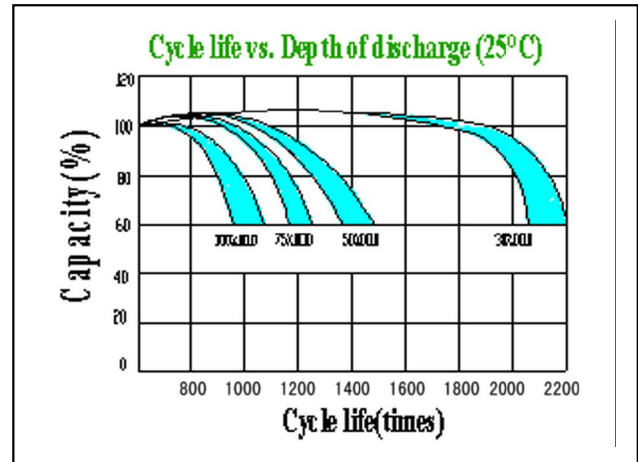
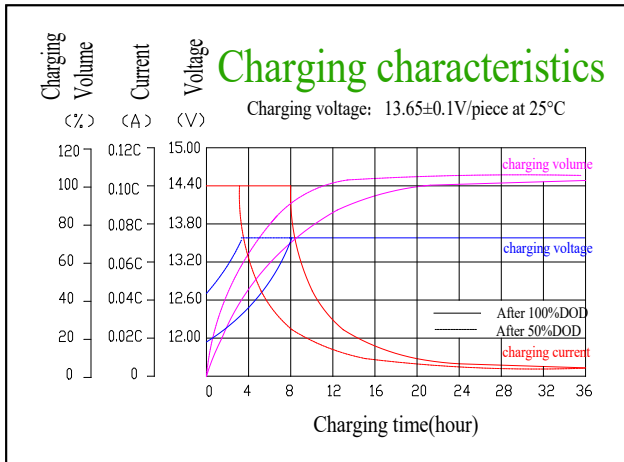
F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	178.2	113.6	96.5	61.6	45.3	41.6	26.6	18.6	12.6	8.3	7.4	4.12
1.65V	175.0	111.5	94.8	60.5	44.5	40.8	26.1	18.2	12.4	8.2	7.3	4.05
1.70V	171.7	109.5	93.0	59.4	43.6	40.1	25.7	17.9	12.2	8.0	7.2	3.97
1.75V	168.5	107.4	91.3	58.3	42.8	39.3	25.2	17.6	11.9	7.9	7.0	3.9
1.80V	162.0	103.3	87.8	56.0	41.2	37.8	24.2	16.9	11.5	7.6	6.8	3.75

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	343.0	218.7	185.8	118.6	87.2	80.0	51.3	35.7	24.3	16.0	14.3	7.9
1.65V	336.8	214.7	182.4	116.5	85.6	78.6	50.3	35.1	23.9	15.7	14.0	7.8
1.70V	330.6	210.7	179.1	114.3	84.0	77.1	49.4	34.4	23.4	15.4	13.8	7.7
1.75V	324.3	206.8	175.7	112.2	82.4	75.7	48.5	33.8	23.0	15.1	13.5	7.5
1.80V	311.9	198.8	168.9	107.8	79.3	72.8	46.6	32.5	22.1	14.6	13.0	7.2

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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