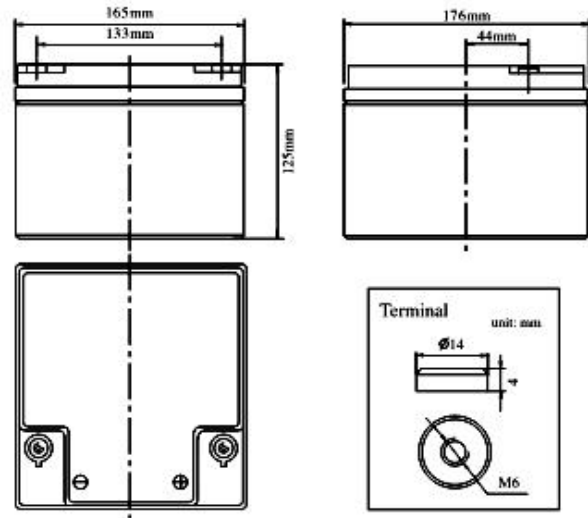


Product Image



Product Dimensions



Characteristics

Nominal Voltage		12V
Nominal Capacity 20 hour rate)		24Ah
Capacity 25°C (77°F)	10 hour rate (2.2A)	21.6Ah
	5 hour rate (3.9A)	19.4Ah
	1 hour rate (13.3A)	13.3Ah
Internal Resistance	Full Charged Battery 25°C	≤12m 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 5.6A Voltage 13.6-13.8V
	Cycle	Initial Charging Current Less than 5.6A Voltage 14.4-14.9V

Packaging

Battery Dimensions	Length	166mm
	Width	175mm
	Height	126mm
	Total Height	126mm
Box Dimensions	Length	190mm
	Width	181mm
	Height	172mm
Quantity Per Box		1 PCs per box
Net weight Per Cell		8.6 kg±3%
Net weight Per Box		8.6 kg
Gross Weight		9.0 kg

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

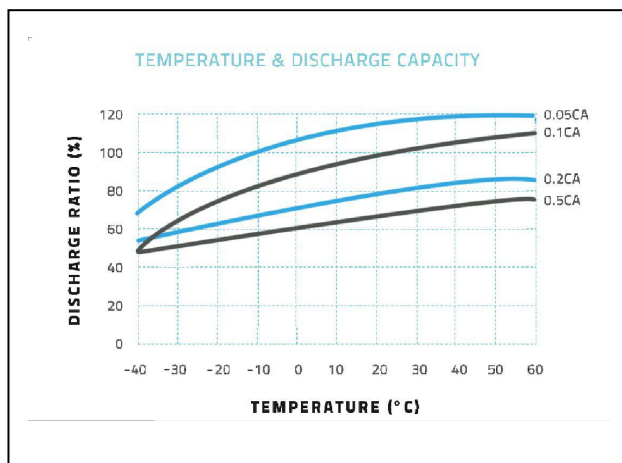
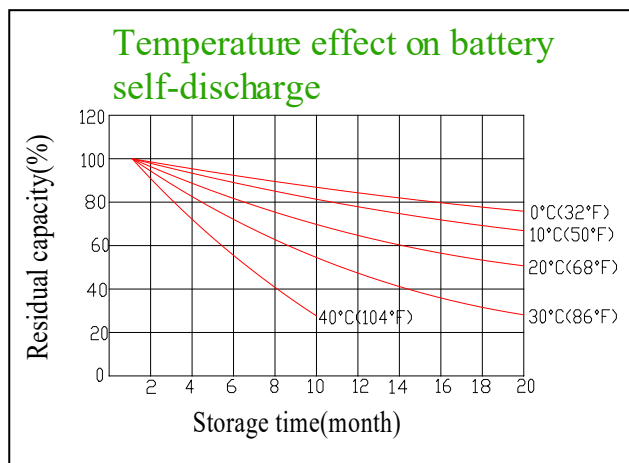
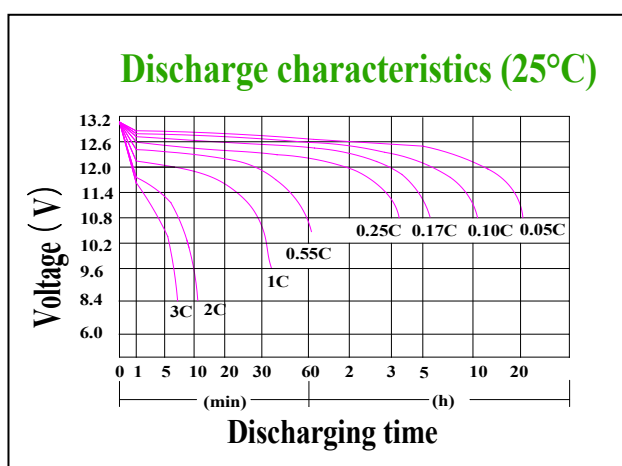
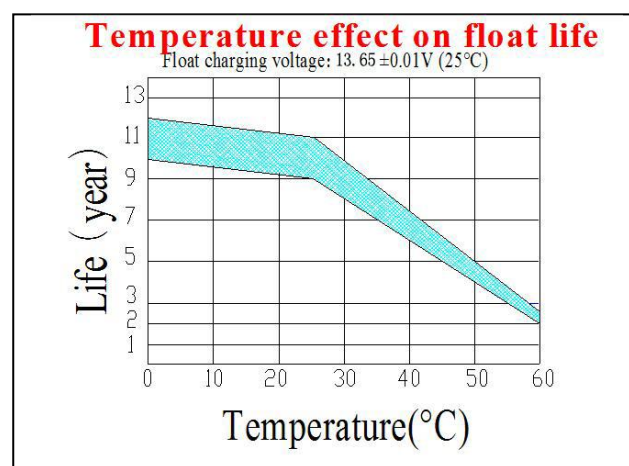
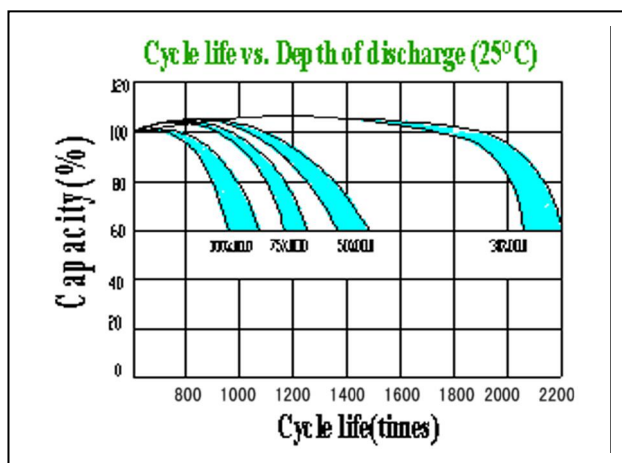
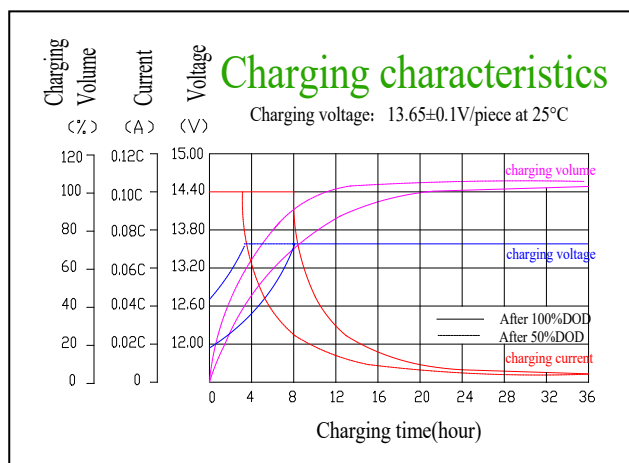
F.V/Time	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h	24h	100h
1.60V	30.9	19.7	14.5	13.3	8.5	5.9	4.0	2.7	2.4	1.3	1.3	0.29
1.65V	30.3	19.3	14.3	13.1	8.3	5.8	4.0	2.6	2.3	1.27	1.3	0.28
1.70V	29.8	19.0	14.0	12.8	8.2	5.7	3.9	2.6	2.3	1.25	1.2	0.28
1.75V	29.2	18.6	13.7	12.6	8.0	5.6	3.8	2.5	2.2	1.22	1.2	0.27
1.80V	28.1	17.9	13.2	12.1	7.7	5.4	3.7	2.4	2.2	1.2	1.2	0.27

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	59.5	37.9	28.0	25.7	16.3	11.4	7.8	5.1	4.6	2.5	2.5	0.55
1.65V	58.4	37.2	27.4	25.2	16.0	11.2	7.6	5.0	4.5	2.4	2.4	0.54
1.70V	57.3	36.5	26.9	24.7	15.7	11.0	7.5	4.9	4.4	2.4	2.4	0.53
1.75V	56.2	35.8	26.4	24.3	15.4	10.8	7.4	4.9	4.3	2.4	2.4	0.52
1.80V	54.1	34.4	25.4	23.3	14.8	10.4	7.1	4.7	4.2	2.3	2.3	0.51

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	Lead	Fiberglass	Colloid(GEL)

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