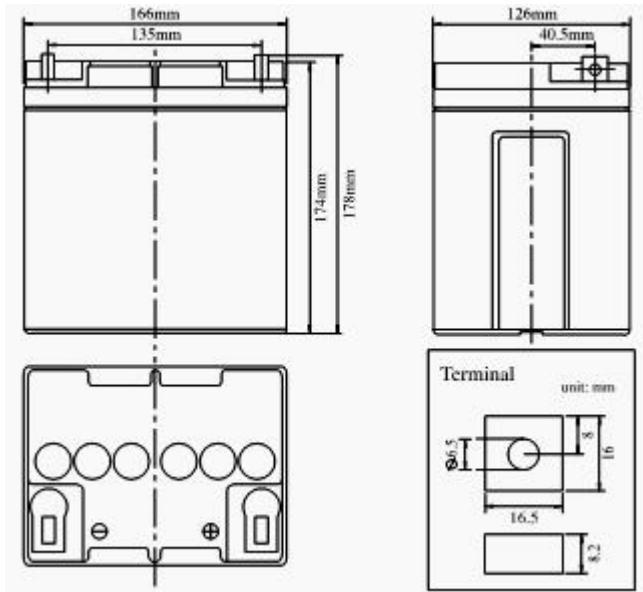


Product Image



Product Dimensions



Characteristics

Nominal Voltage		12V
Nominal Capacity (10 hour rate)		28Ah
Capacity 25°C (77°F)	20 hour rate (1.55A)	31.1Ah
	5 hour rate (5.1A)	25.6Ah
	1 hour rate (18.6A)	18.6Ah
Internal Resistance	Full Charged Battery 25°C	≤14m Ω
Capacity affected by Temperature (10 hour)	40°C (104°F)	102%
	25°C (77°F)	100%
	-20°C (-4°F)	82%
	-35°C (-31°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 7.0A Voltage 13.6-13.8V
	Cycle	Initial Charging Current Less than 7.0A Voltage 14.4-14.9V

Packaging

Battery Dimensions	Length	166mm
	Width	126mm
	Height	174mm
	Total Height	178mm
Box Dimensions	Length	273mm
	Width	178mm
	Height	220mm
Quantity Per Box		2 PC per box
Net weight Per Cell		9.5kg±100g
Net weight Per Box		19kg
Gross Weight		19.4kg

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

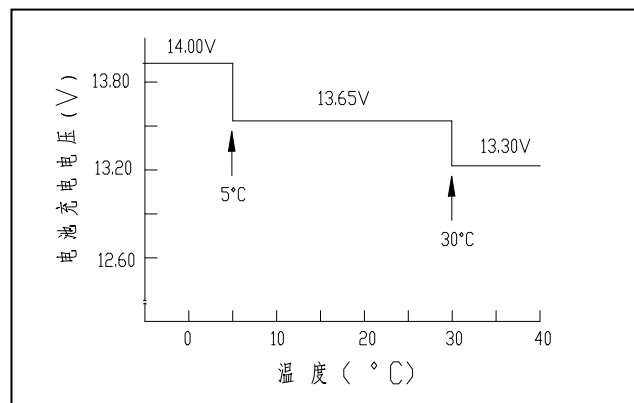
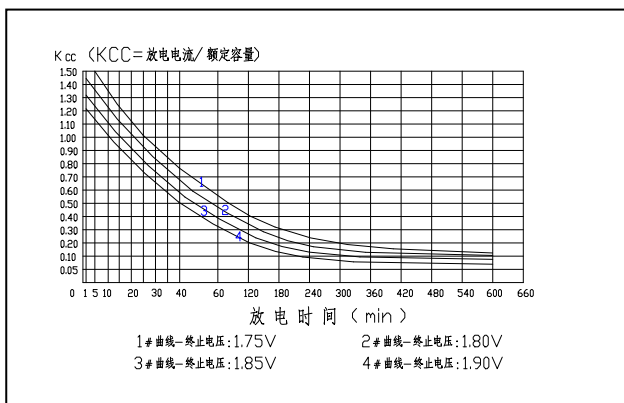
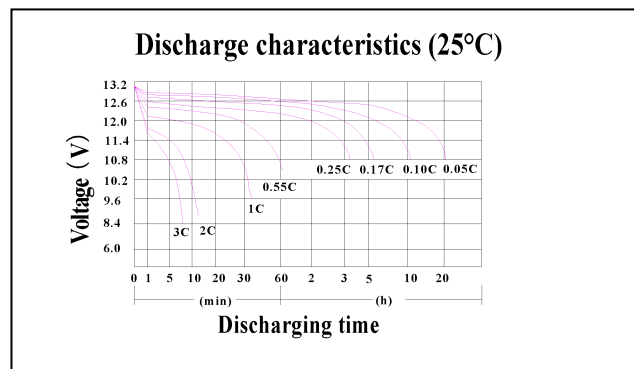
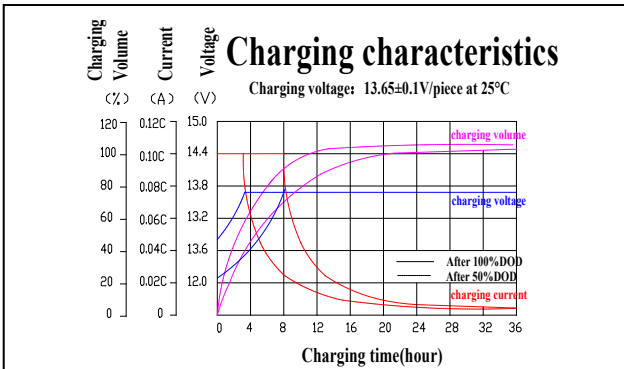
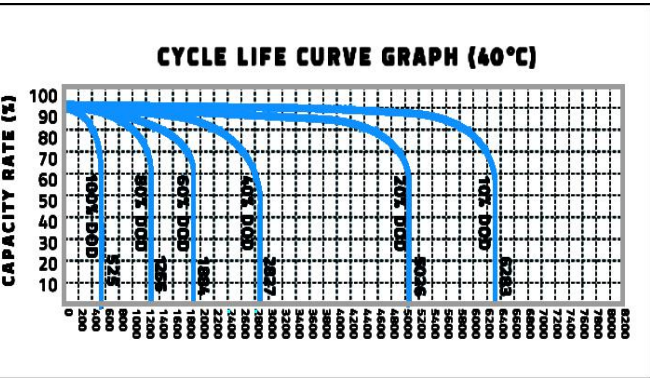
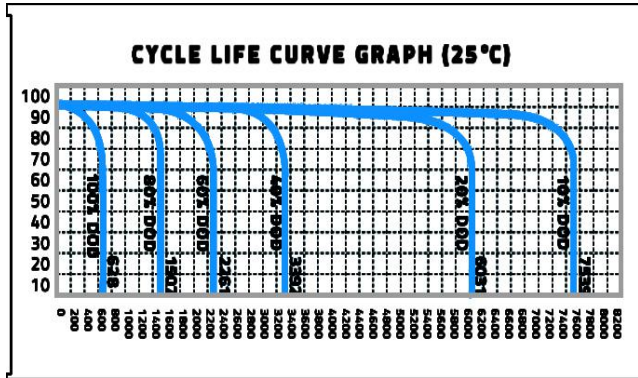
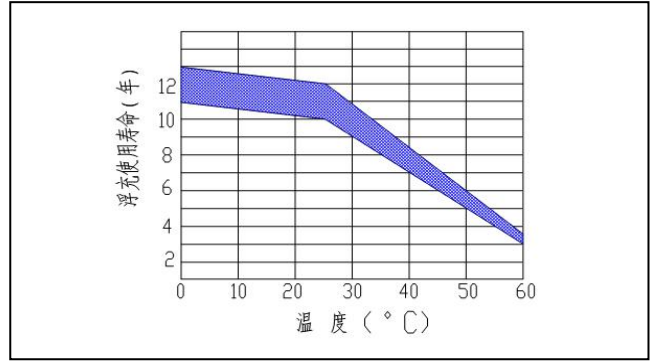
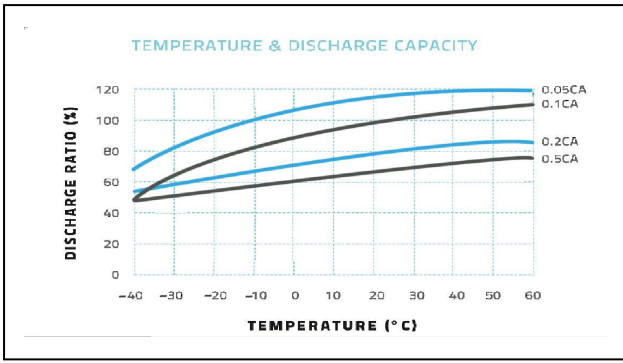
F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	94.2	62.7	47.3	29.4	21.1	18.6	11.4	8.3	5.3	3.3	2.9	1.6
1.65V	86.8	57.8	45.3	28.6	20.5	18.1	11.1	8.2	5.3	3.2	2.9	1.6
1.70V	88.3	58.8	43.3	27.8	20.0	17.6	10.9	8.0	5.2	3.2	2.9	1.6
1.75V	78.0	51.9	41.4	27.1	19.4	17.1	10.7	7.8	5.1	3.2	2.8	1.6
1.80V	73.6	49.0	39.4	26.3	18.8	16.6	10.4	7.6	5.0	3.1	2.8	1.6

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	175.6	117.0	88.2	54.9	39.4	34.7	21.2	15.5	10.0	6.1	5.4	3.0
1.65V	161.9	107.8	84.5	53.4	38.3	33.8	20.8	15.2	9.8	6.0	5.4	3.0
1.70V	164.6	109.7	80.8	51.9	37.3	32.9	20.4	14.9	9.7	6.0	5.3	3.0
1.75V	145.4	96.9	77.1	50.5	36.2	32.0	19.9	14.6	9.5	5.9	5.3	2.9
1.80V	137.2	91.4	73.5	49.0	35.1	31.0	19.4	14.2	9.4	5.8	5.2	2.9

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	Lead

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