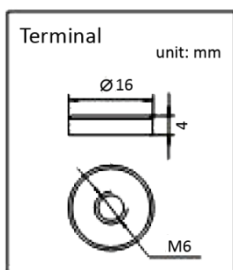
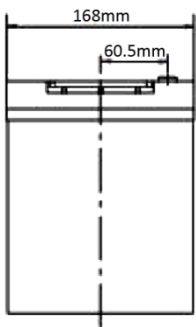
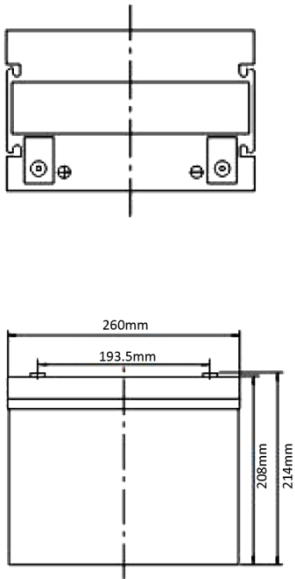


Product Dimensions



Applications

- All Purpose
- Uninterruptible Power Supply (UPS)
- Electronic Power System
- Emergency Backup Power Supply
- Electronic apparatus and equipment
- Communication Power Supply

Characteristics

Nominal Voltage		12V
Nominal Capacity (10 hour rate)		75Ah
Capacity 25°C	20 hour rate (2.11 A)	72Ah
	5 hour rate (6.9 A)	63.5Ah
	1 hour rate (25.3 A)	46.7Ah
Internal Resistance	Full Charged Battery 25°C	≤5.5mΩ
Capacity affected by temperature (10 hour)	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self-Discharge 25°C Capacity	After 3 month storage	90%
	After 6 month storage	80%
	After 12 month storage	62%
Charge (Constant Voltage) 25°C	Float	Initial charging Current Less than 20.0A Voltage 13.6-13.8V
	Cycle	Initial charging Current Less than 20.0A Voltage 14.4-14.9V

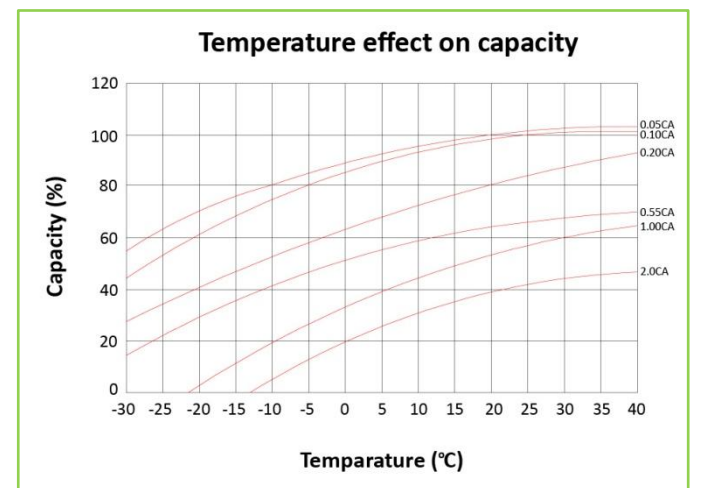
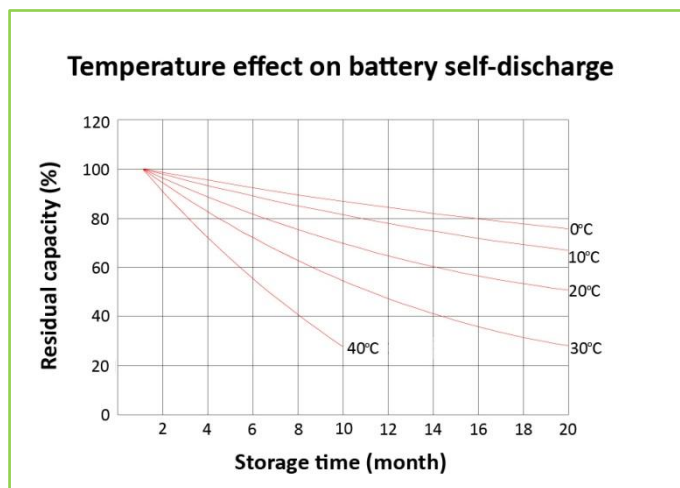
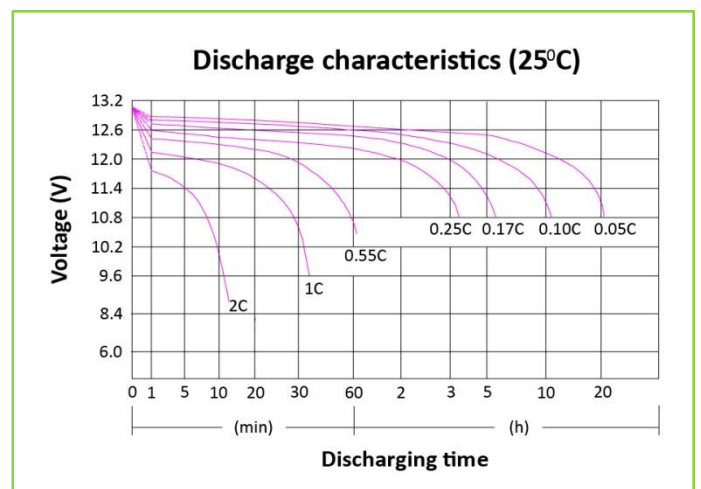
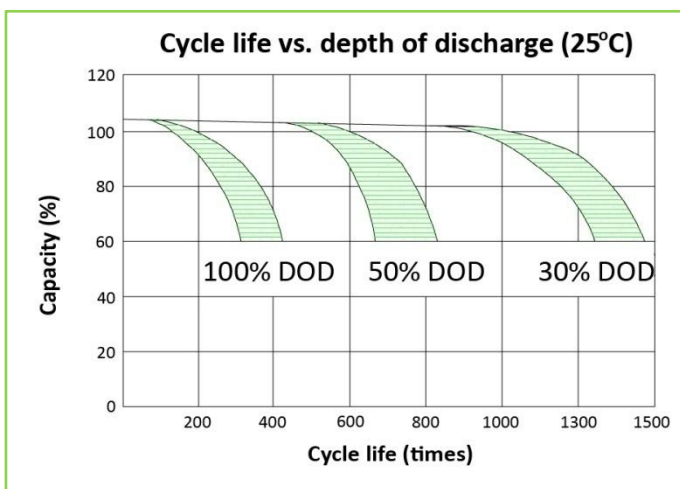
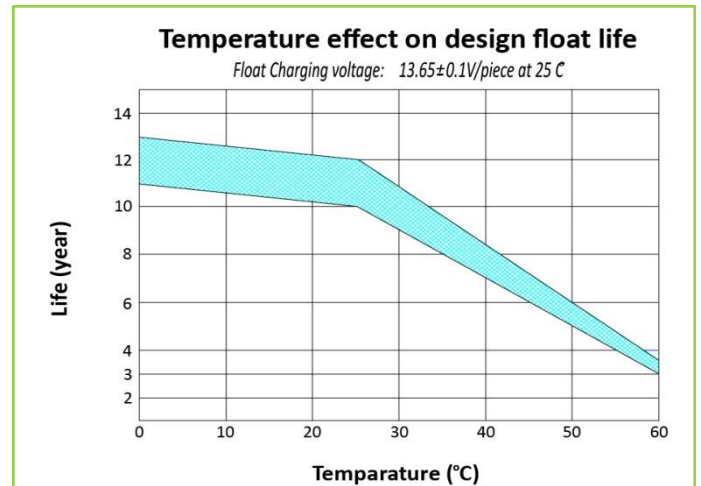
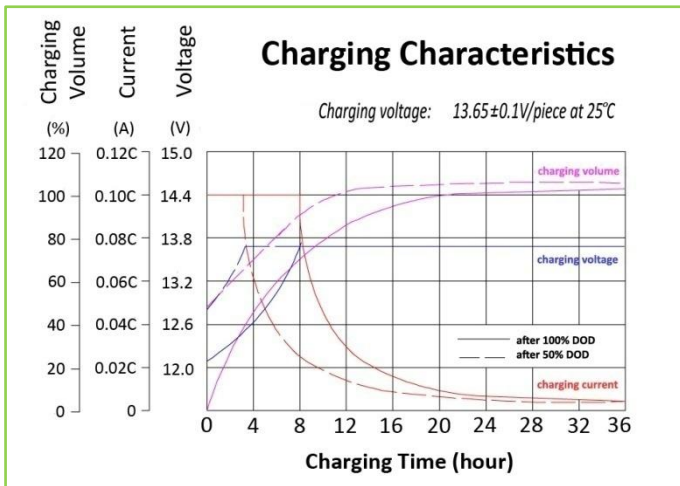
Packaging

Battery Dimensions	Length	260mm
	Width	168mm
	Height	208mm
	Total Height	214mm
Box Dimensions	Length	275mm
	Width	183mm
	Height	272mm
Quantity per Box		1 PC per box
Net Weight per Cell		23.3kg±3%
Net Weight per Box		23.3kg
Gross Weight		23.8kg

10 Years Design Life

Discharge Constant Current per Cell (Amperes at 25°C)*												
F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	226.8	162.0	135.1	84.0	60.3	53.2	32.4	23.7	15.3	9.3	8.32	4.62
1.65V	200.0	149.9	129.4	81.8	58.7	51.8	31.8	23.3	15.0	9.2	8.24	4.57
1.70V	179.4	139.0	123.8	79.5	57.1	50.4	31.2	22.8	14.8	9.1	8.16	4.53
1.75V	162.5	129.8	118.2	77.3	55.5	48.9	30.5	22.3	14.6	9.0	8.08	4.48
1.80V	144.0	116.8	112.6	75.0	53.8	47.5	29.8	21.8	14.4	9.0	8.00	4.44
Discharge Constant Power per Cell (Watts at 25°C)*												
F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	423.0	302.2	251.9	156.7	112.5	99.3	60.5	44.2	28.5	17.4	15.5	8.6
1.65V	373.0	279.6	241.4	152.5	109.4	96.6	59.4	43.4	28.1	17.2	15.4	8.5
1.70V	334.5	259.3	230.9	148.3	106.4	93.9	58.3	42.6	27.7	17.0	15.2	8.4
1.75V	303.1	242.1	220.4	144.1	103.4	91.3	56.9	41.6	27.3	16.9	15.1	8.4
1.80V	268.6	217.8	209.9	139.9	100.4	88.6	55.5	40.6	26.9	16.7	14.9	8.3

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	Cooper	Fiberglass	Sulfuric acid

*NOTE: These 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.