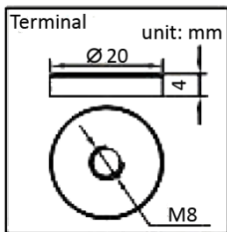
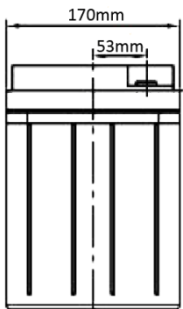
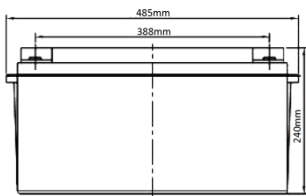
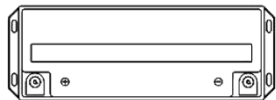


Product Dimensions



10 Years Design Life

Applications

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

Characteristics

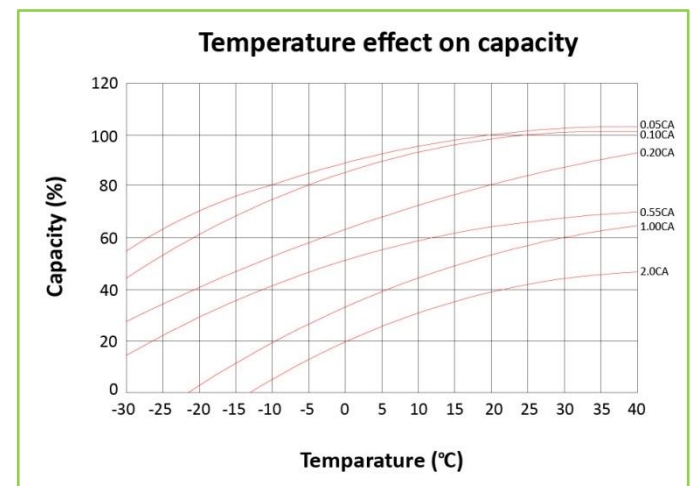
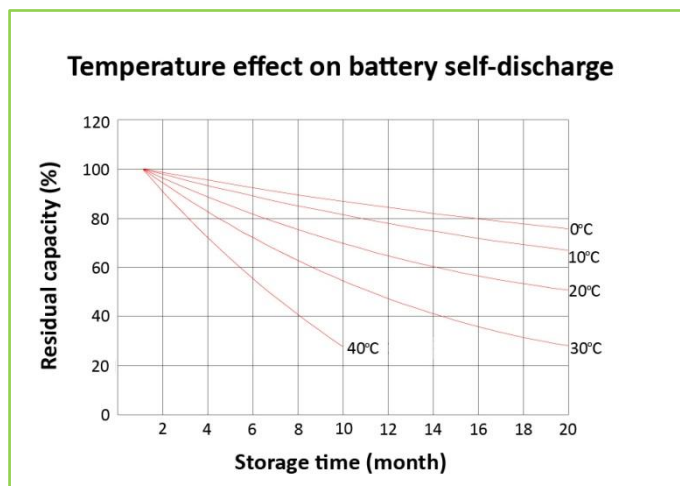
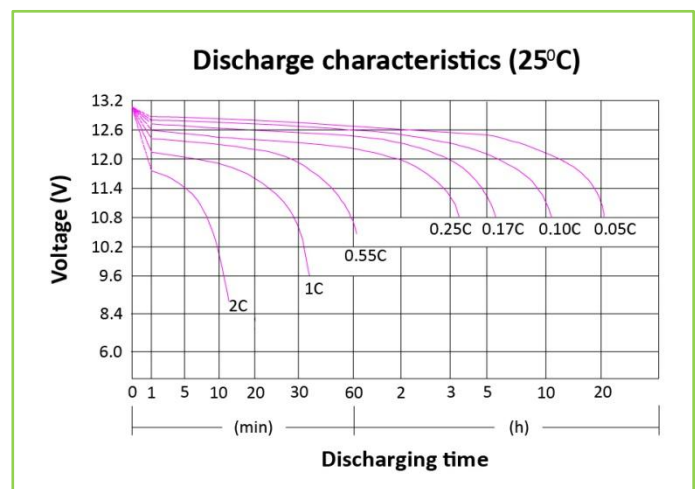
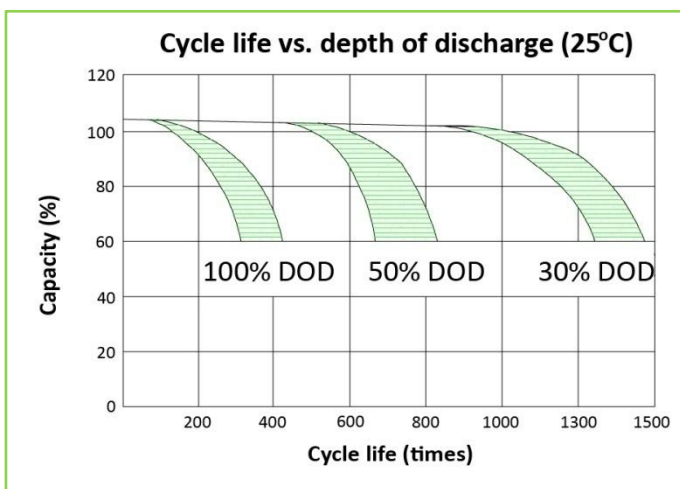
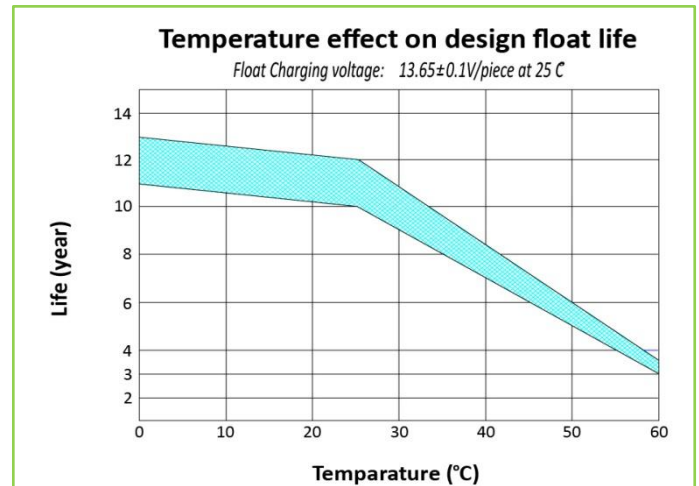
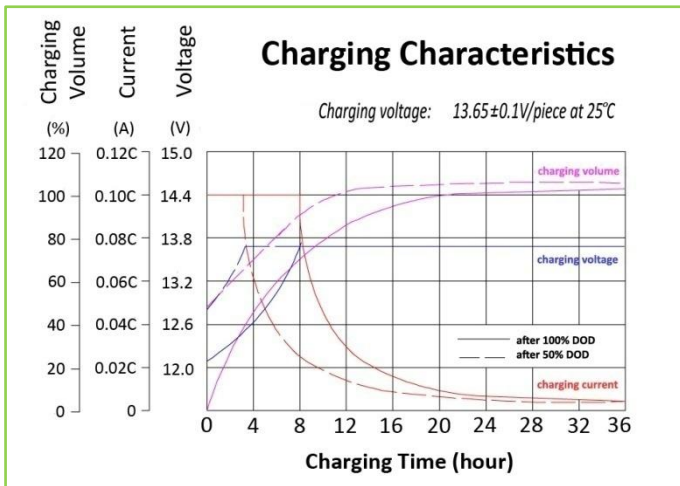
Nominal Voltage		12V
Nominal Capacity (10 hour rate)		150Ah
Capacity 25°C	20 hour rate (2.11 A)	166Ah
	5 hour rate (6.9 A)	137Ah
	1 hour rate (25.3 A)	91.8Ah
Internal Resistance	Full Charged Battery 25°C	≤3.5mΩ
Capacity affected by temperature (10 hour)	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self-Discharge 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 30.0A Voltage 13.6-13.8V
	Cycle	Initial charging Current Less than 30.0A Voltage 14.4-14.9V

Packaging

Battery Dimensions	Length	485mm
	Width	170mm
	Height	240mm
	Total Height	240mm
Box Dimensions	Length	499mm
	Width	185mm
	Height	299mm
Quantity per Box		1 PC per box
Net Weight per Cell		43.5kg±3%
Net Weight per Box		43.5kg
Gross Weight		44.2kg

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	397.0	283.0	168.8	105.1	75.4	66.5	40.5	29.6	19.1	11.6	10.40	5.77
1.65V	350.0	261.8	161.8	102.2	73.4	64.7	39.8	29.1	18.8	11.5	10.30	5.72
1.70V	313.9	242.8	154.8	99.4	71.3	63.0	39.1	28.6	18.5	11.4	10.20	5.66
1.75V	284.4	226.8	147.7	96.6	69.3	61.2	38.1	27.9	18.3	11.3	10.10	5.61
1.80V	252.0	204.0	140.7	93.8	67.3	59.4	37.2	27.2	18.0	11.2	10.00	5.55
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	740.3	527.8	314.9	195.9	140.6	124.1	75.6	55.3	35.6	21.7	19.4	10.8
1.65V	652.8	488.3	301.8	190.7	136.8	120.8	74.2	54.3	35.1	21.5	19.2	10.7
1.70V	585.5	452.9	288.6	185.4	133.0	117.4	72.8	53.3	34.6	21.3	19.0	10.6
1.75V	530.4	422.9	275.5	180.2	129.3	114.1	71.1	52.0	34.1	21.1	18.8	10.5
1.80V	470.0	380.5	262.4	174.9	125.5	110.8	69.4	50.7	33.6	20.9	18.7	10.4

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.