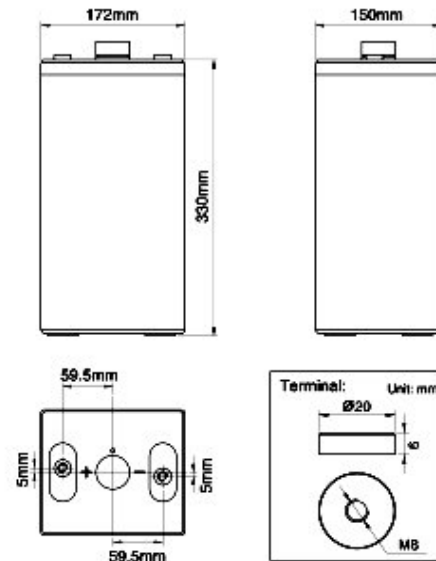


Product Image



Product Dimensions



Characteristics

Nominal Voltage		2V
Nominal Capacity (10 hour rate)		350Ah
Capacity 25°C (77°F)	20 hour rate (18.6A)	372Ah
	5 hour rate (61A)	305Ah
	1 hour rate (208A)	208Ah
Internal Resistance	Full Charged Battery 25°C	≤0.42mΩ
Capacity affected by Temperature (10 hour)	40°C (104°F)	102%
	25°C (77°F)	100%
	0°C (32°F)	85%
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 45A Voltage 2.23-2.27V
	Cycle	Initial Charging Current Less than 45A Voltage 2.33-2.37V

Packaging

Battery Dimensions	Length	171mm
	Width	151mm
	Height	330mm
	Total Height	365mm
Box Dimensions	Length	186mm
	Width	164mm
	Height	422mm
Quantity Per Box		1 PC per box
Net weight Per Cell		20.5 kg±3%
Net weight Per Box		20.5kg
Gross Weight		21.0kg

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

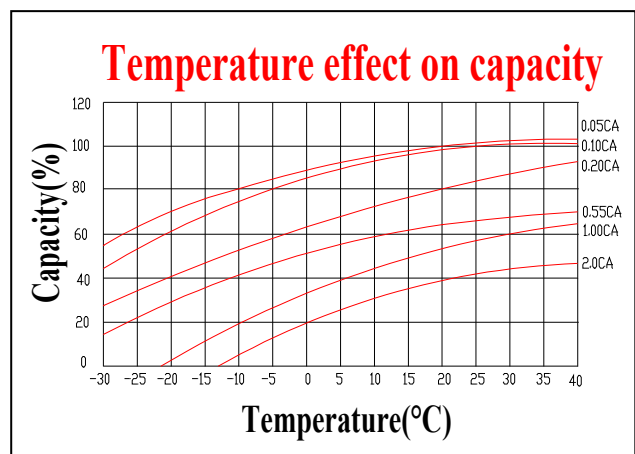
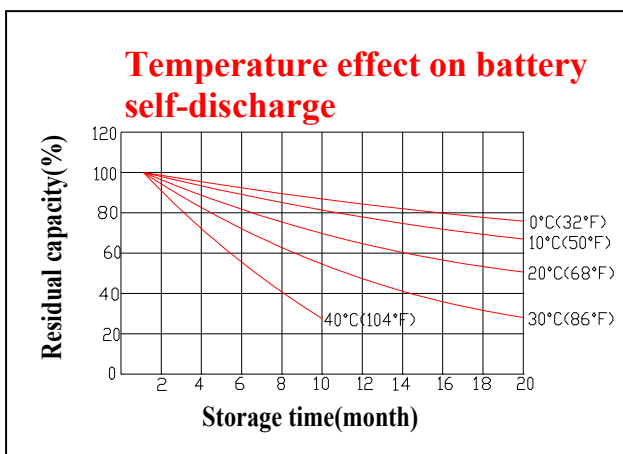
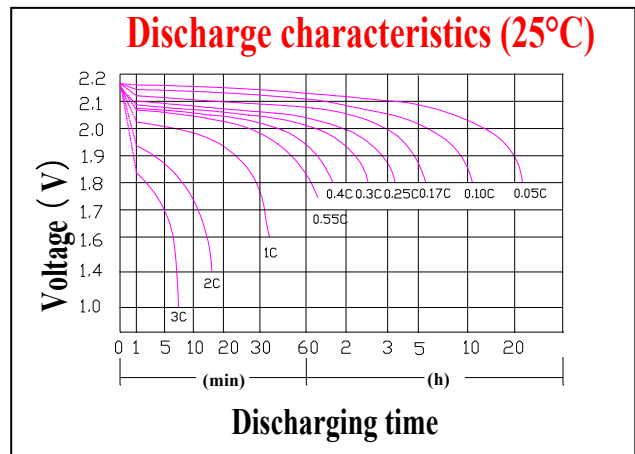
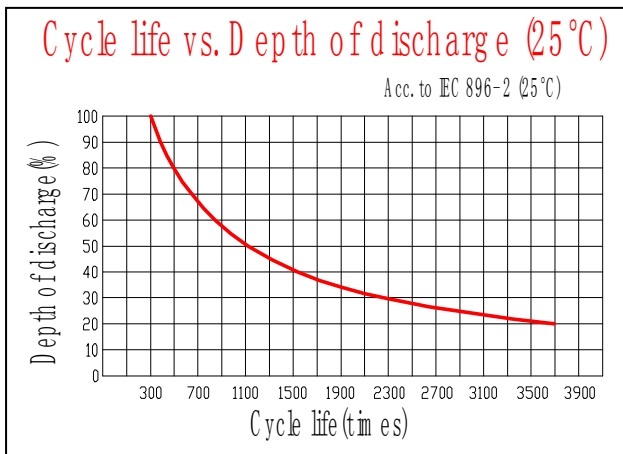
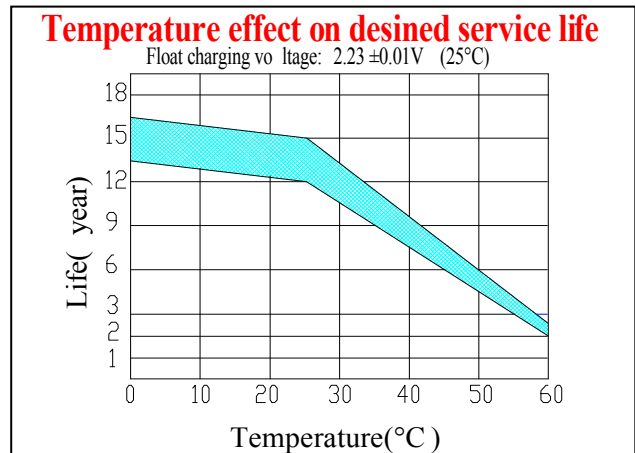
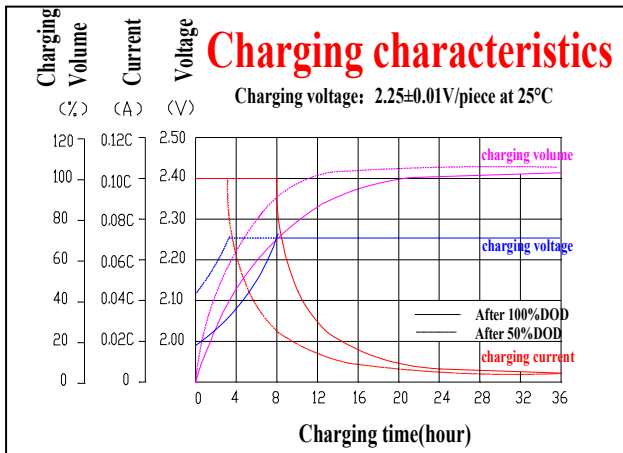
F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	963	616	512	343	254	208	133	95	65	43	38.5	20.4
1.65V	945	605	503	336	249	204	130	93	64	42	37.8	20.0
1.70V	928	594	493	330	245	200	128	92	62	42	37.1	19.7
1.75V	910	582	484	324	240	197	126	90	61	41	36.4	19.3
1.80V	875	560	466	312	231	189	121	86	59	39	35.0	18.6

Discharge Constant Power (Watts at 77°F 25°C)

F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	1853	1186	986	660	489	400	256	183	125	83	74.1	39.3
1.65V	1819	1164	968	648	480	393	251	180	122	81	72.8	38.6
1.70V	1785	1143	950	636	471	386	246	176	120	80	71.4	37.9
1.75V	1752	1121	932	624	462	378	242	173	118	78	70.1	37.1
1.80V	1684	1078	896	600	445	364	232	166	113	75	67.4	35.7

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 **MCA** 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