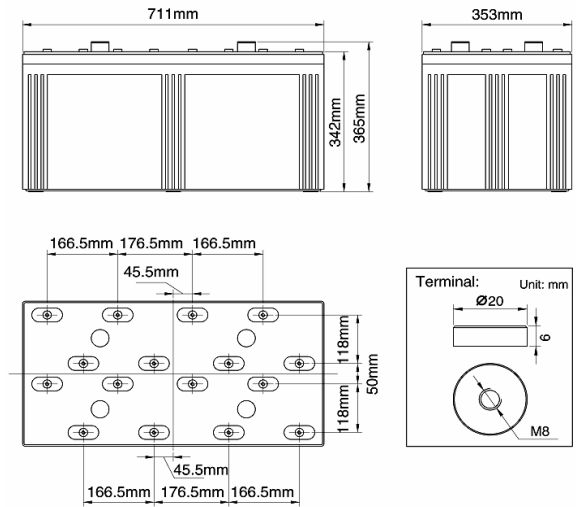


Product Image



Product Dimensions



Characteristics

Nominal Voltage		2V
Nominal Capacity (10 hour rate)		2500Ah
Capacity 25°C (77°F)	20 hour rate (132.5A)	2650Ah
	5 hour rate (425A)	2125Ah
	1 hour rate (1633.5A)	1633.5Ah
Internal Resistance	Full Charged Battery 25°C	≤0.10mΩ
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 337A Voltage 2.23-2.25V
	Cycle	Initial Charging Current Less than 337A Voltage 2.33-2.37V

Packaging

Battery Dimensions	Length	712mm
	Width	353mm
	Height	341mm
	Total Height	382mm
Box Dimensions	Length	800mm
	Width	770mm
	Height	518mm
Quantity Per Box		2 PC per box
Net weight Per Cell		180 kg±1000g
Net weight Per Box		360kg
Gross Weight		380kg

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

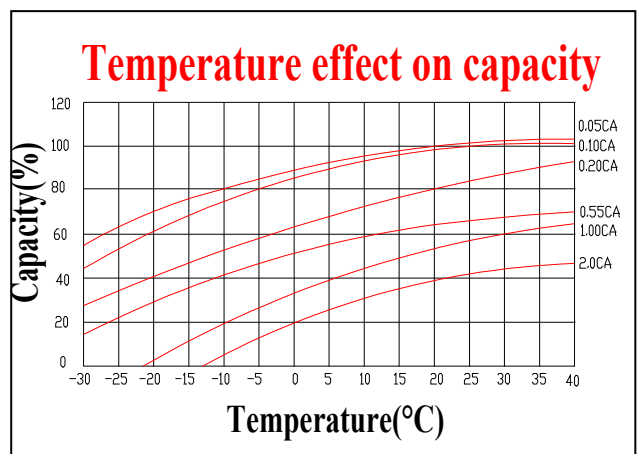
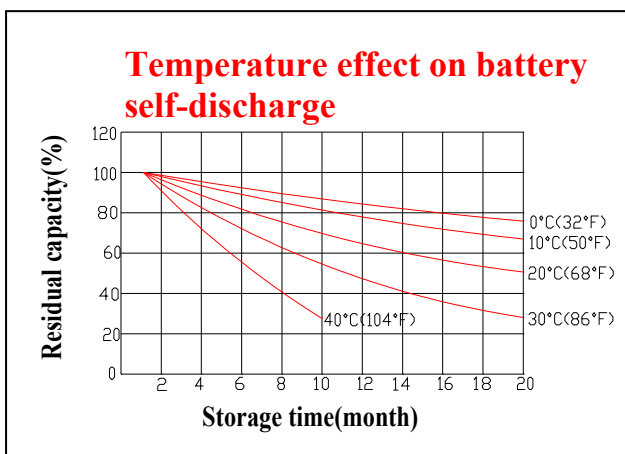
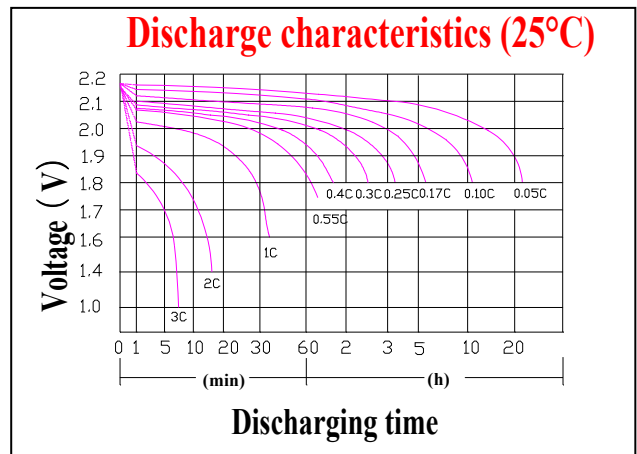
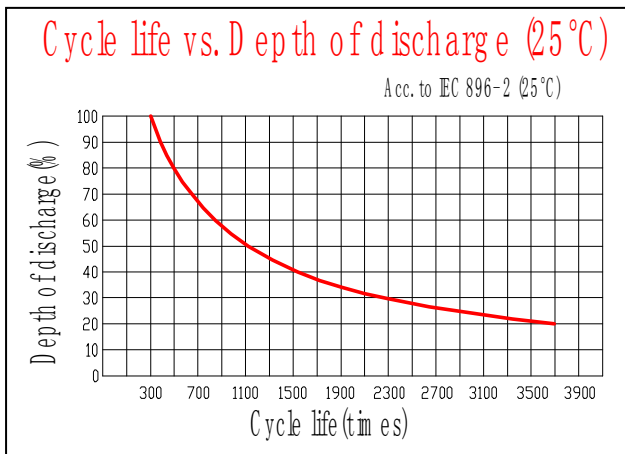
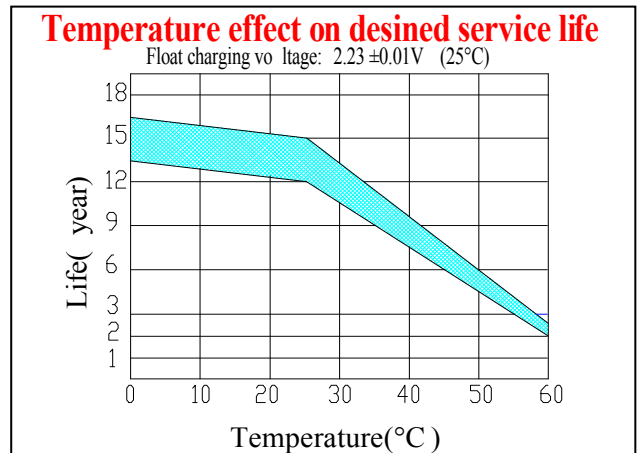
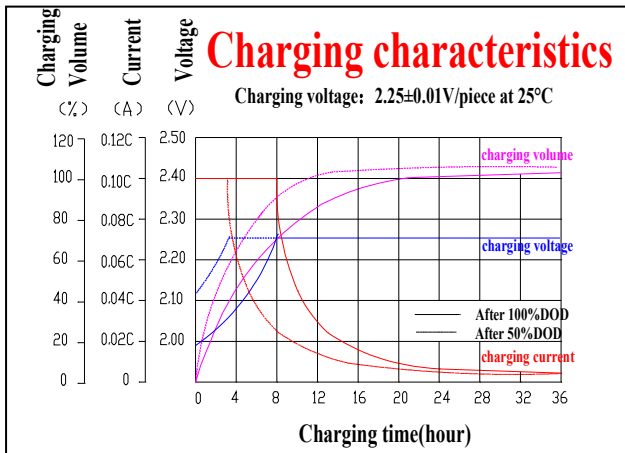
EndPoint Volts/Cell	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	2338	1760	1458	949	679	462	308	275	145.8
1.65V	2295	1728	1431	932	667	454	302	270	143.1
1.70V	2253	1696	1405	914	655	445	297	265	140.5
1.75V	2210	1664	1378	897	642	437	291	260	137.8
1.80V	2125	1600	1325	863	618	420	280	250	132.5

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

EndPoint Volts/Cell	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	4266	3212	2660	1731	1240	843	562	502	266
1.65V	4188	3154	2612	1700	1217	828	552	493	261
1.70V	4111	3095	2563	1669	1195	812	542	484	256
1.75V	4033	3037	2515	1637	1172	797	531	475	251
1.80V	3878	2920	2418	1574	1127	767	511	456	242

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	Rubber	Copper	Fiberglass	Sulfuric acid