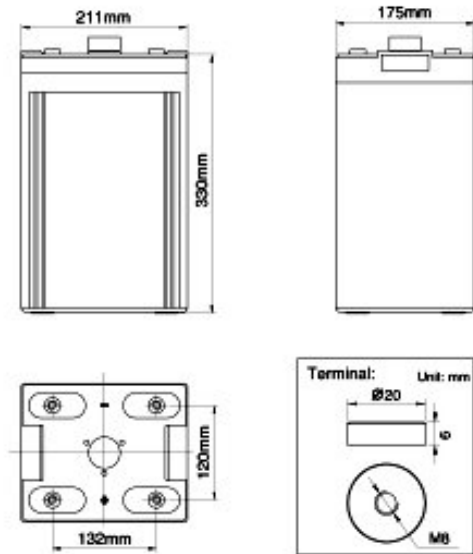


Product Image



Product Dimensions



Characteristics

Nominal Voltage		2V
Nominal Capacity (10 hour rate)		425Ah
Capacity 25°C (77°F)	20 hour rate (22.5A)	450Ah
	5 hour rate (74A)	370Ah
	1 hour rate (234A)	234Ah
Internal Resistance	Full Charged Battery 25°C	≤0.54mΩ
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 65A Voltage 2.23-2.27V
	Cycle	Initial Charging Current Less than 65A Voltage 2.33-2.37V

Packaging

Battery Dimensions	Length	211mm
	Width	176mm
	Height	329mm
	Total Height	367mm
Box Dimensions	Length	225mm
	Width	190mm
	Height	425mm
Quantity Per Box		1 PC per box
Net weight Per Cell		26.8kg±3%
Net weight Per Box		26.8kg
Gross Weight		27.3kg

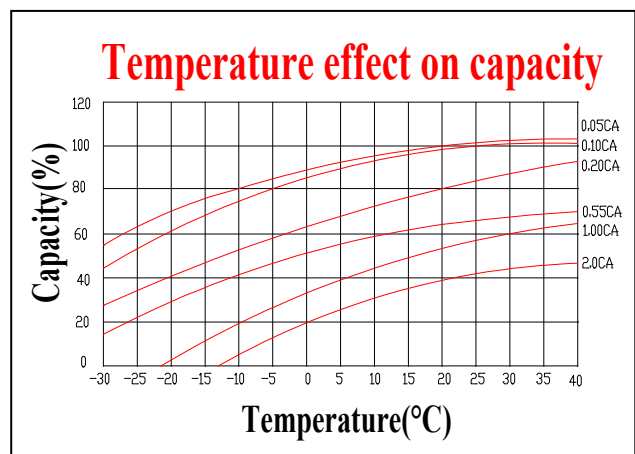
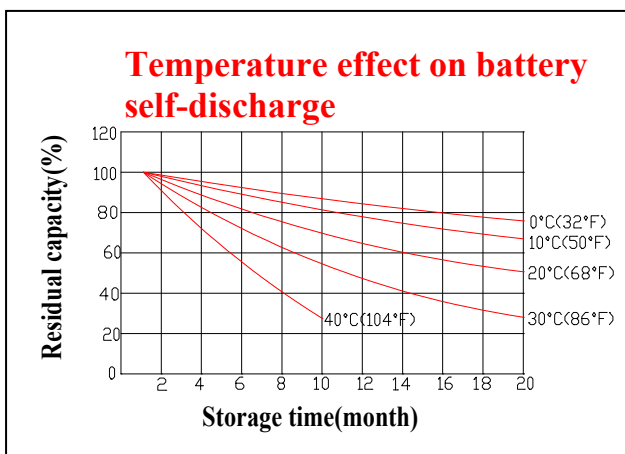
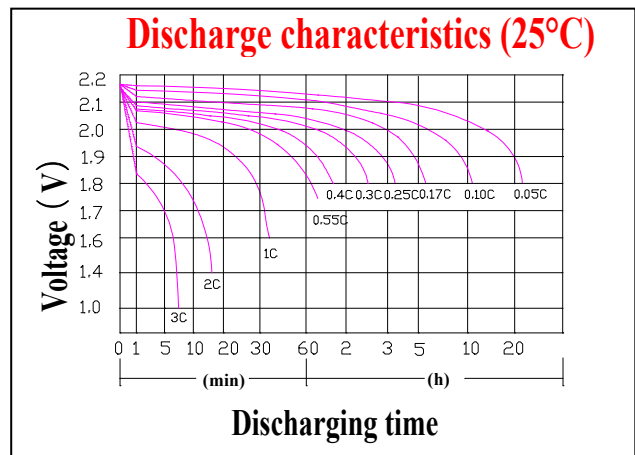
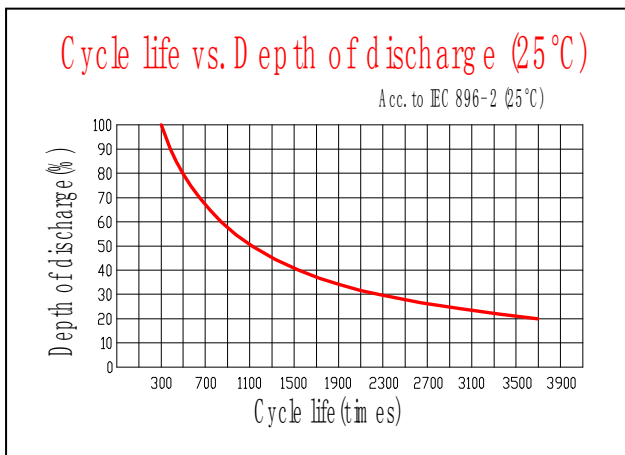
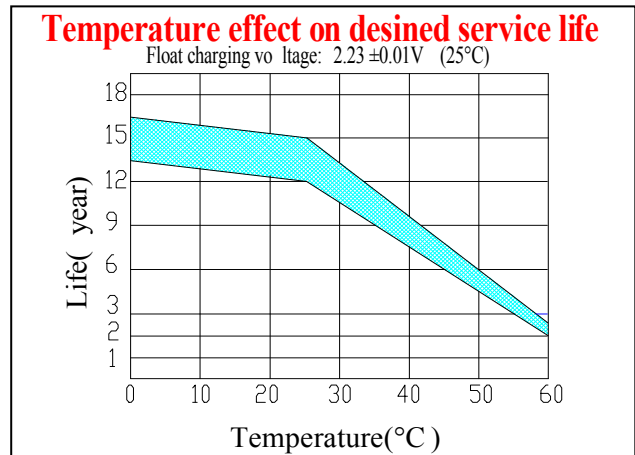
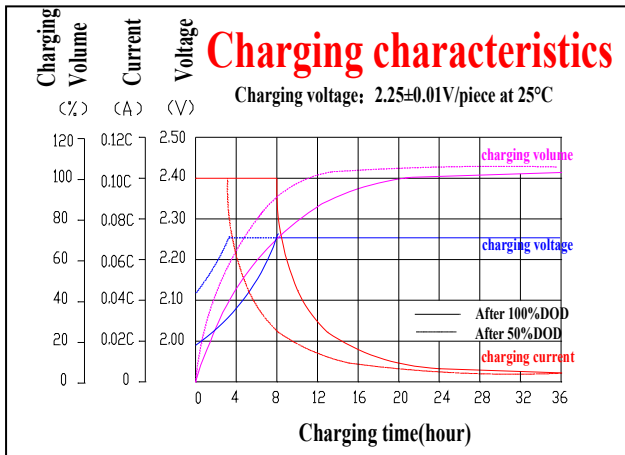
Discharge Constant Current (Amperes at 77°F/25°C)

F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	1118	722	598	397	299	248	161	115	79	52	46.8	24.8
1.65V	1097	708	588	390	294	243	158	113	77	51	45.9	24.3
1.70V	1077	695	577	383	288	239	155	111	76	50	45.1	23.9
1.75V	1057	682	566	376	283	234	152	109	74	50	44.2	23.4
1.80V	1016	656	544	361	272	225	147	105	71	48	42.5	22.5

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	2151	1389	1152	725	546	452	294	211	143	96	85	45
1.65V	2112	1364	1131	712	536	444	289	207	141	94	84	44
1.70V	2073	1339	1110	699	526	436	284	203	138	92	82	44
1.75V	2034	1313	1089	686	516	428	278	199	136	90	81	43
1.80V	1956	1263	1047	659	496	411	268	192	130	87	78	41

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.



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

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