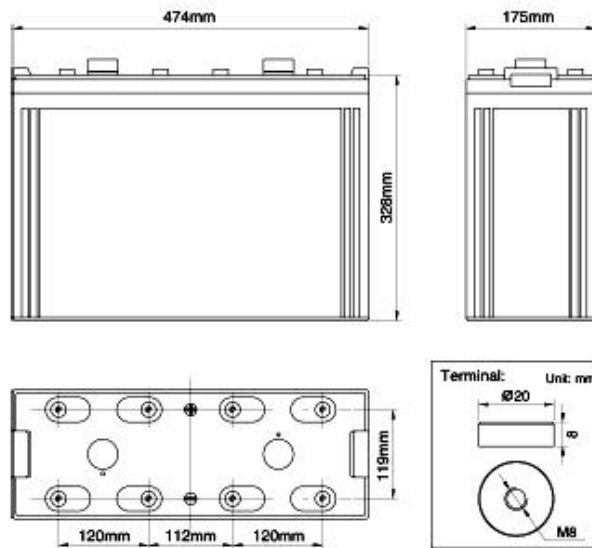


Product Image



Product Dimensions



Characteristics

Nominal Voltage		2V
Nominal Capacity (10 hour rate)		1250Ah
Capacity 25°C (77°F)	20 hour rate (63.6A)	1292Ah
	5 hour rate (212A)	1080Ah
	1 hour rate (660A)	687.5Ah
Internal Resistance	Full Charged Battery 25°C	≤0.19mΩ
Capacity affected by Temperature (10 hour)	40°C (104°F)	102%
	25°C (77°F)	100%
	-20°C (-4°F)	82%
	-35°C (-31°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 250A Voltage 2.23-2.27V
	Cycle	Initial Charging Current Less than 250A Voltage 2.33-2.37V

Packaging

Battery Dimensions	Length	474mm
	Width	175mm
	Height	328mm
	Total Height	365mm
Box Dimensions	Length	489mm
	Width	189mm
	Height	422mm
Quantity Per Box		1 PC per box
Net weight Per Cell		64.5 kg±3%
Net weight Per Box		65kg
Gross Weight		66.3kg

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

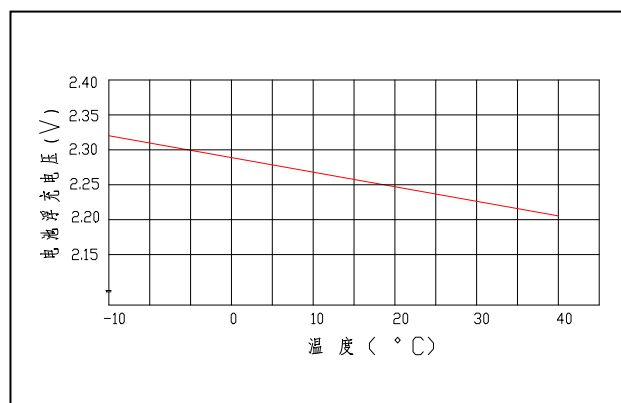
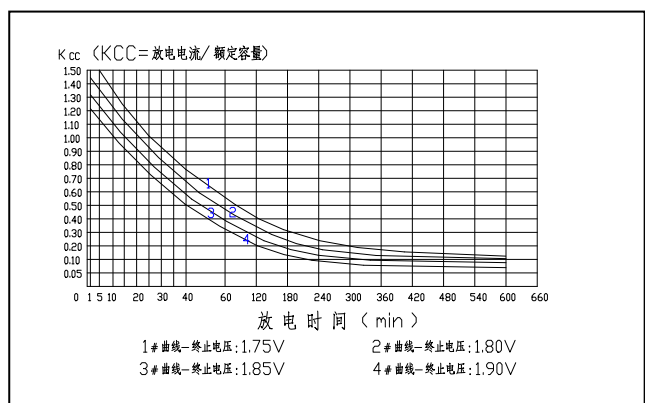
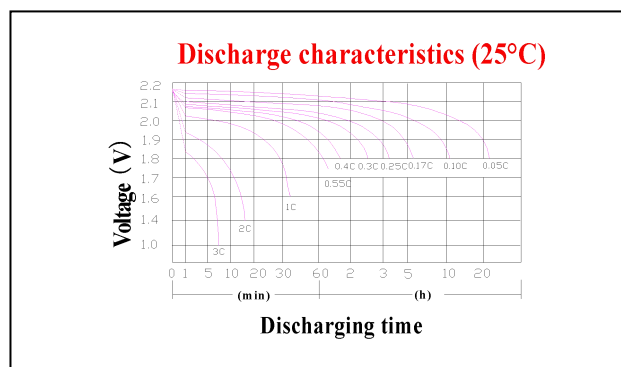
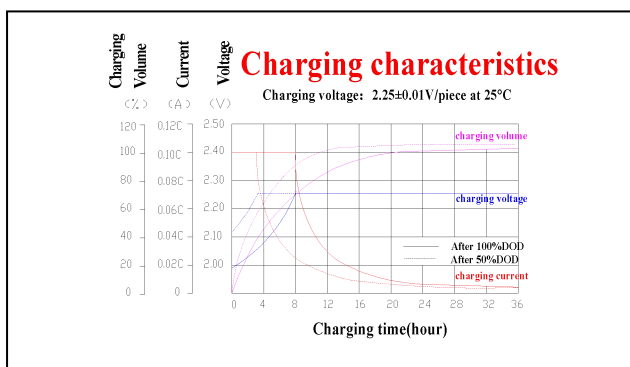
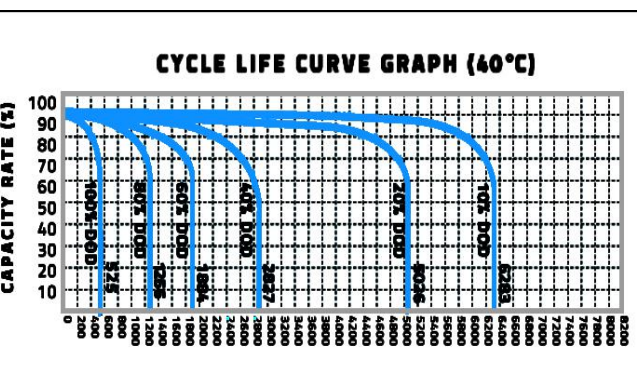
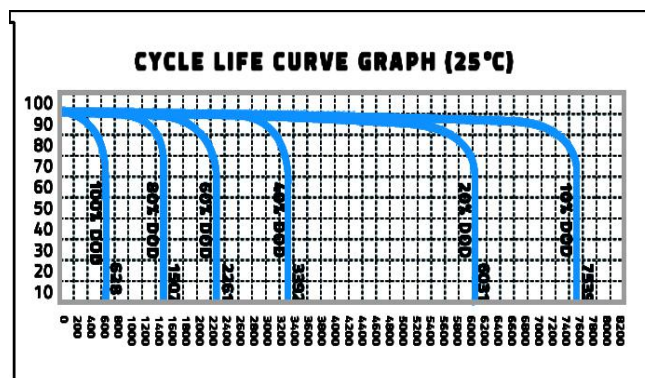
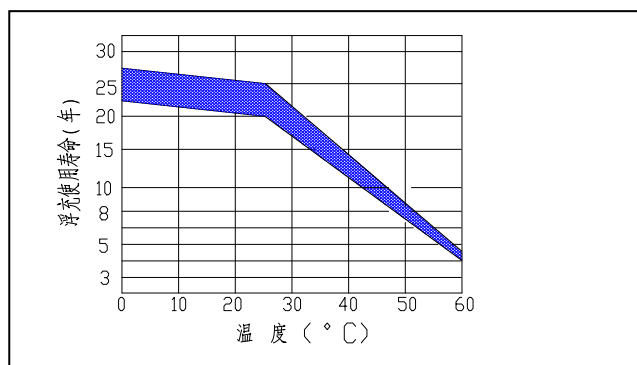
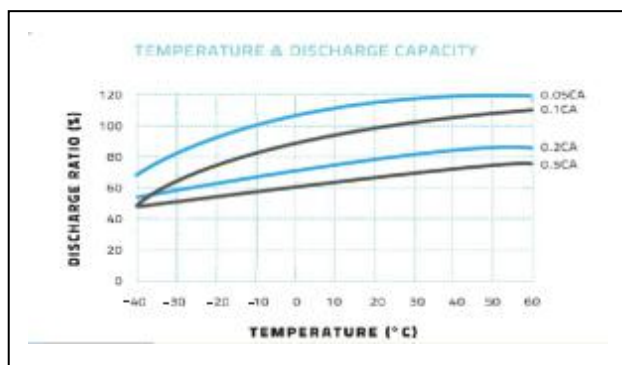
F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	3613	2323	1935	1290	925	798	353	344	234	154	138	73
1.65V	3546	2280	1900	1266	909	783	345	338	230	151	135	72
1.70V	3481	2238	1864	1243	891	769	339	331	225	149	133	70
1.75V	3415	2196	1829	1220	875	754	333	325	221	145	130	69
1.80V	3284	2111	1759	1173	841	725	320	313	213	140	125	66

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	6954	4470	3724	2483	1781	1535	678	661	450	296	265	140
1.65V	6828	4389	3656	2438	1749	1508	665	650	441	291	260	138
1.70V	6700	4308	3589	2393	1716	1479	653	638	434	286	255	135
1.75V	6574	4226	3521	2348	1684	1451	641	626	425	280	250	133
1.80V	6321	4064	3385	2258	1620	1396	616	601	409	270	241	128

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 **US** 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	Lead

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