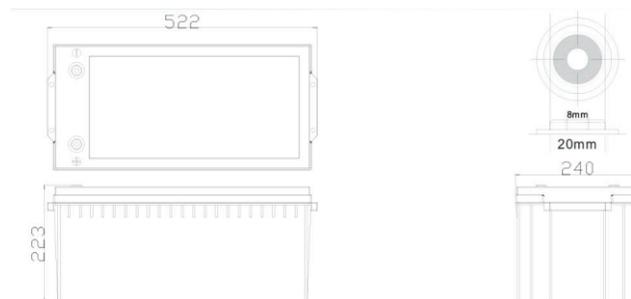


6-FM-200

Product Image



Product Dimensions



Performance Characteristics

Rated Voltage	12V	
Number of cells	6 Cells	
Designed Life	5-8 Years	
Rated Capacity at 25°C (77°F)	10hr rate(0.1C,10.8V)	200Ah
	3hr rate(0.25C,10.8V)	153.3Ah
	1hr rate(0.55C,10.5V)	110.4Ah
Capacity affected by Temperature(10 hour rate)	40°C(104°F)	103%
	25°C(77°F)	100%
	0°C(32°F)	85%
	-15°C(5°F)	65%
Charge Method:constant-voltage charging at 25°C(77°F)	Cyclic use	14.4-14.9V
	Maximum charging current	50A
	Temperature Compensation	-30mV/°C
	Float Use	13.6-13.8V
Self-Discharge 25°C(77°F) Capacity	Temperature Compensation	-20mV/°C
	after 3 month storage	91%
	after 6 month storage	82%
	after 12 month storage	64%

Environment Temperature Requirements	Discharge Temperature	-15-50°C
	Charge Temperature	0-40°C
	Storage Temperature	-15-40°C
Inner Resistance&Max. Discharge Current	A fully charged battery at 25°C(77°F)	3mΩ
	Max. Discharge Current	3000A(5s)
	Short Circuit Current	10000A
Dimension and weight	Length	522mm
	Width	240mm
	Height	219mm
	Total Height	223mm
	Reference Weight	59kg
General Feature	Maintenance free	
	Convenient for installation	
	Safety and no leakage	
	Excellent recharge and discharge performance	
	Adapt to high or low temperature	
	Good deep discharge performance	
	Longer cycle life	

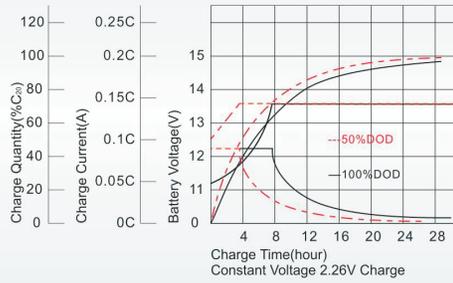
Constant-current discharge parameter Unit: A (25°C)

F.V/Time	5min	10min	15min	20min	30min	45min	1h	3h	5h	10h	20h
1.80V/cell	459.6	343.8	276.4	226.2	179.6	134.0	105.6	51.1	33.6	20.0	10.4
1.75V/cell	518.0	377.8	302.0	243.3	186.4	138.9	110.4	52.0	34.4	20.2	10.5
1.70V/cell	570.4	411.8	322.4	255.8	194.0	144.4	114.0	53.6	35.3	20.4	10.7
1.65V/cell	629.1	444.4	342.9	271.8	204.7	148.2	117.8	55.8	36.2	20.8	10.8
1.60V/cell	693.8	482.4	366.7	289.6	216.0	154.4	122.0	57.6	37.6	21.0	10.9

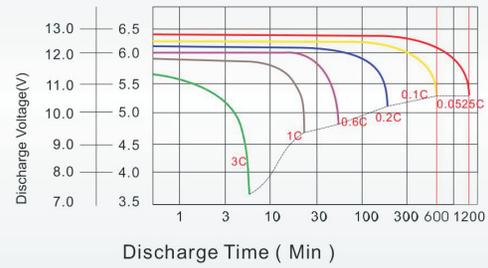
Constant-current discharge parameter Unit: W (25°C)

F.V/Time	5min	10min	15min	20min	30min	45min	1h	3h	5h	10h	20h
1.80V/cell	831.1	627.8	509.1	420.2	336.9	255.3	202.7	99.1	65.6	39.6	20.6
1.75V/cell	917.1	678.7	549.1	447.8	346.9	262.4	211.1	100.4	67.1	39.8	20.7
1.70V/cell	982.0	722.9	578.2	467.1	359.1	272.0	216.9	103.1	68.7	40.2	21.1
1.65V/cell	1067.6	773.1	610.0	492.4	375.8	276.2	222.7	106.9	70.2	40.9	21.4
1.60V/cell	1150.2	820.2	641.6	518.9	393.8	286.4	229.3	109.8	72.2	41.3	21.5

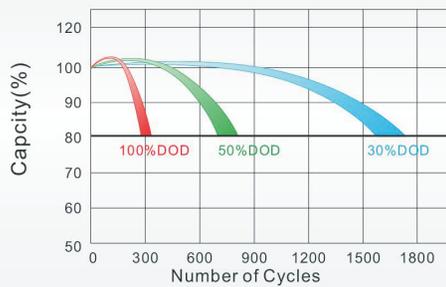
Charge Characteristics for Float Use @ 25°C/77°F



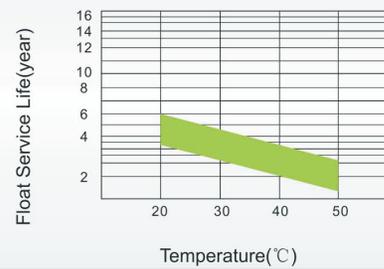
Discharge Characteristics at Various Rates @ 25°C/77°F



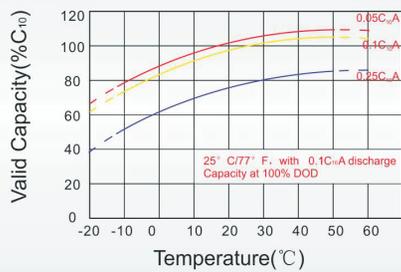
Cycle Life in Relation to Depth of Discharge



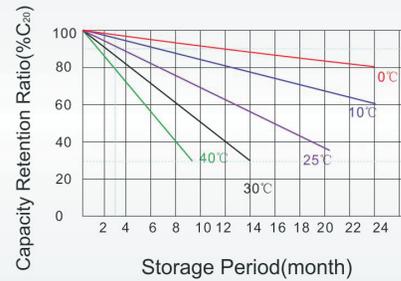
Float Service Life



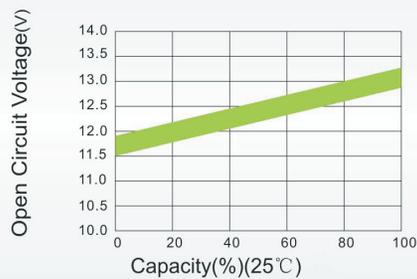
Temperature and Valid Capacity



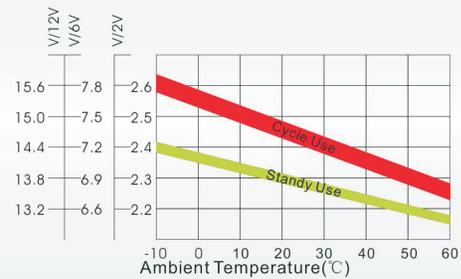
Self Discharge Characteristics



Capacity and Open Circuit Voltage



Relationship between Charging Voltage and Temperature



Battery Construction

Component	Positive plate	Negative plate	Container	Cover	Safety valve	Terminal	Separator	Electrolyte
Raw material	Lead dioxide	Lead	ABS	ABS	Rubber	Copper	AGM glass	Sulfuric acid



Add: #1003 NO.498 XingLinWan Road, JiMei District XiaMen China

Tel: +86 592-7208868 +86 13225963563

Email: sales1@eitaichina.com

Website: <https://eitaichina.com>