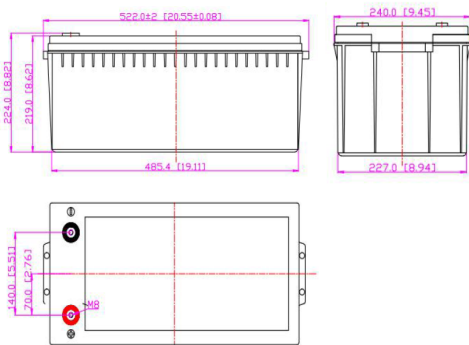


# GP Series 6-FM-200

**Narada**



## ■ Dimensions



## ■ Feature

High strength ABS container  
AGM VRLA sealed technology  
Flat paste plate

## ■ Application

UPS system  
Electric system  
Cable television system

## ■ Specifications

Nominal voltage	12V
Nominal capacity	200Ah(10h rated, 1.80V/cell, 25°C)
Weight	62.0Kg ± 3%
Dimensions(LxWxTH)	523mm x 240mm x 219mm
Internal resistance	Approx. 10mΩ
Operation temp.	Discharge: -40°C~50°C Charge: -20°C~50°C Storage: -20°C~40°C
Optimum temperature	15°C~25°C
Float charge	13.5-13.8V(-20mV/°C)
Max. charge current	60.0A
Equalization charge	14.4V~14.6V (-30mV/°C)
Self discharge	Residue capacity above 91% after 90 days storage at 25°C
Terminal	M8
Container material	ABS

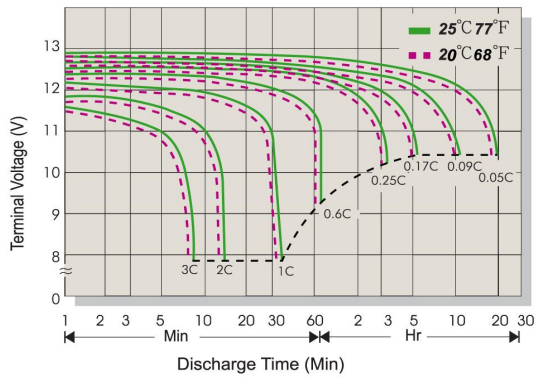
## Constant current discharge data (A, 25°C)

End voltage/cell	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.60V	332	201	122	77.5	56.7	45.0	37.3	30.3	21.2	10.9
1.67V	310	192	117	74.4	54.7	43.4	36.2	29.5	20.8	10.8
1.70V	300	187	114	73.0	53.9	43.0	35.8	29.3	20.6	10.7
1.75V	284	183	111	70.8	52.5	41.9	35.1	28.6	20.3	10.5
1.80V	268	181	110	68.8	51.0	40.8	34.2	28.0	20.0	10.4

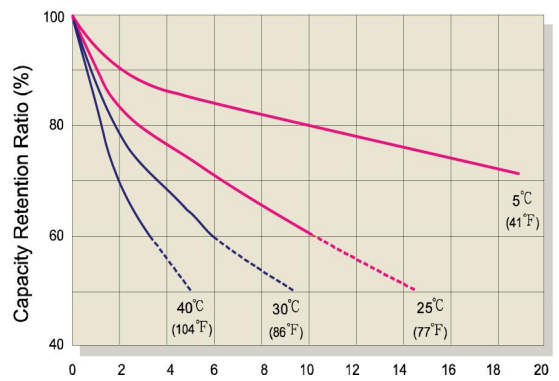
## Constant power discharge data (W/cell, 25°C)

End voltage/cell	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.60V	604	369	229	147	109	86.9	72.4	59.2	41.8	21.7
1.67V	579	359	222	143	106	84.5	70.4	57.7	40.9	21.3
1.70V	561	354	217	141	104	83.6	69.7	57.3	40.7	21.1
1.75V	537	348	213	137	102	81.8	68.4	56.2	40.0	20.9
1.80V	511	347	213	134	99.8	80.0	67.1	55.2	39.6	20.7

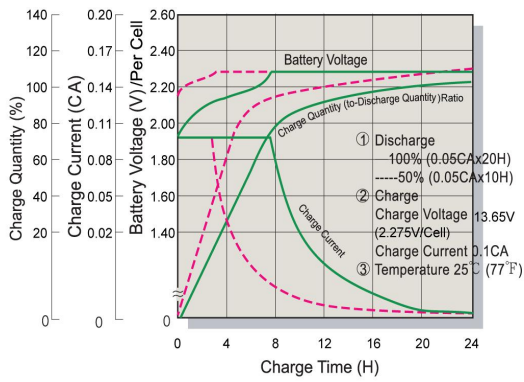
### Terminal Voltage (V) and Discharge Time



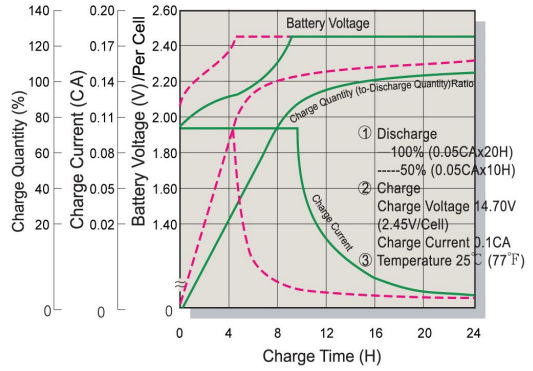
### Capacity Retention Characteristic



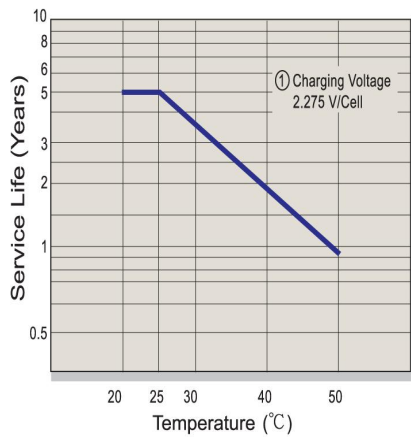
### Battery Vlotage and Charge Time for Standby Use



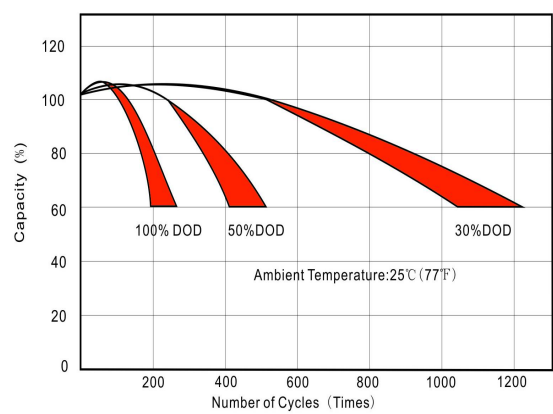
### Battery Vlotage and Charge Time for Cycle Use



### Tickle(or Float) Service Life



### Cycle Service Life



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