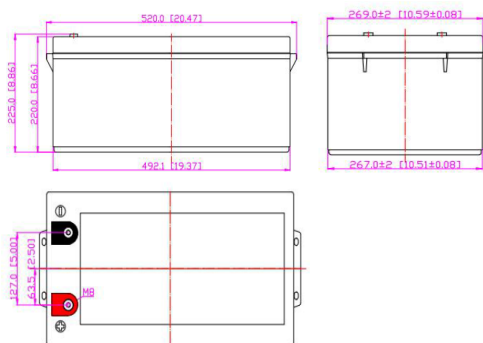


GP Series 6-FM-250

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	250Ah(10h rated, 1.80V/cell, 25°C)
Weigh	69Kg ± 5%
Dimensions(LxWxTH)	520mm x 269mm x 220mm
Internal resistance	Approx. 6mΩ
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	75.0A
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

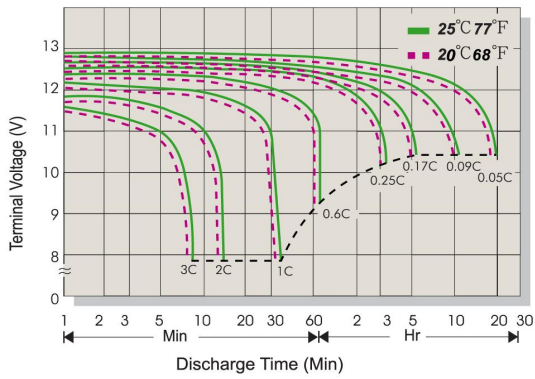
Constant current discharge data (A, 25°C)

End voltage/cell	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.60V	399	243	149	92.8	72.1	56.7	48.1	32.1	26.5	13.9
1.67V	382	232	142	88.8	69.0	54.3	46.0	30.8	26.1	13.7
1.70V	373	227	139	86.7	67.4	53.0	44.9	30.0	25.8	13.5
1.75V	355	221	136	84.5	65.8	51.7	43.8	29.3	25.4	13.3
1.80V	336	219	134	83.9	65.2	51.3	43.5	29.0	25.0	13.1

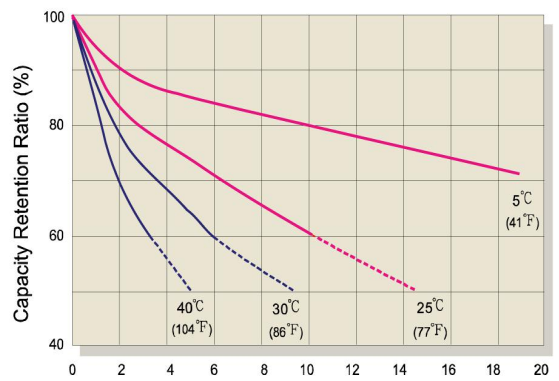
Constant power discharge data (W/cell, 25°C)

End voltage/cell	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.60V	756	473	290	181	141	111	93.7	62.6	51.7	27.1
1.67V	723	453	278	173	135	106	89.8	60.0	50.9	26.7
1.70V	701	442	271	169	131	103	87.6	58.5	50.2	26.3
1.75V	671	431	264	165	128	100.8	85.5	57.1	49.5	25.9
1.80V	639	428	262	164	127	99.9	84.7	56.6	48.8	25.5

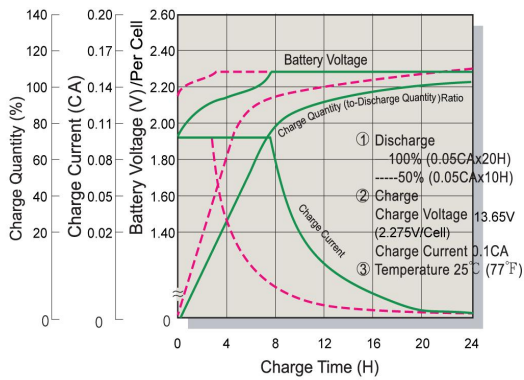
Terminal Voltage (V) and Discharge Time



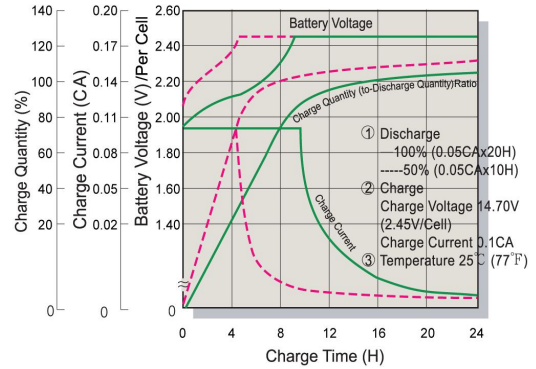
Capacity Retention Characteristic



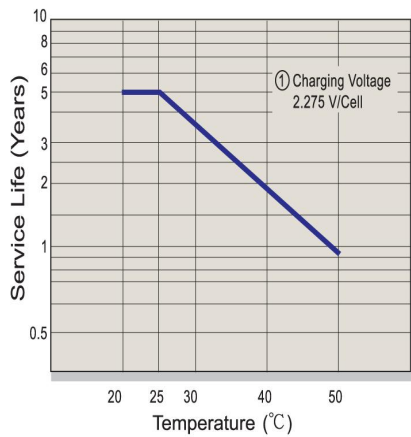
Battery Vlotage and Charge Time for Standby Use



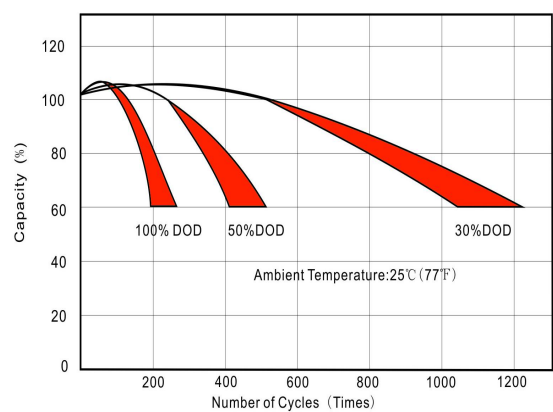
Battery Vlotage and Charge Time for Cycle Use



Tickle(or Float) Service Life



Cycle Service Life



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