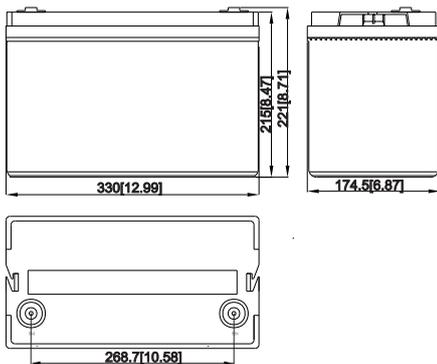


GPG Series

GPG12V100B



Dimension



Feature

- High strength ABS container
- AGM VRLA sealed technology
- Polymer gel electrolyte technology
- Flat paste plate

Application

- UPS system
- Electric system
- Cable television system

Specifications

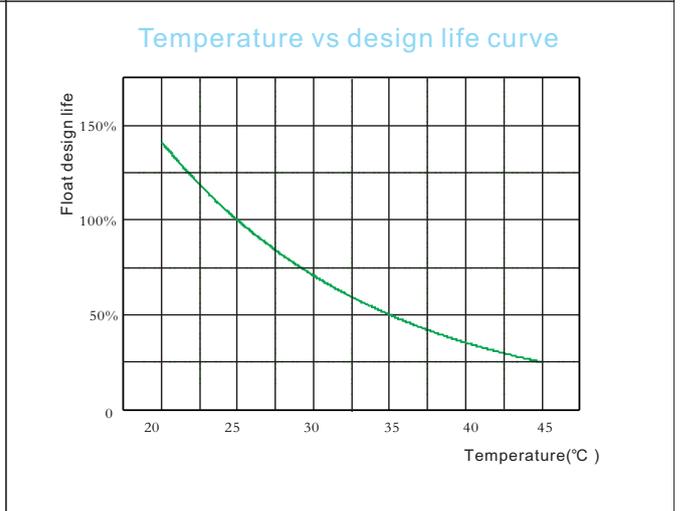
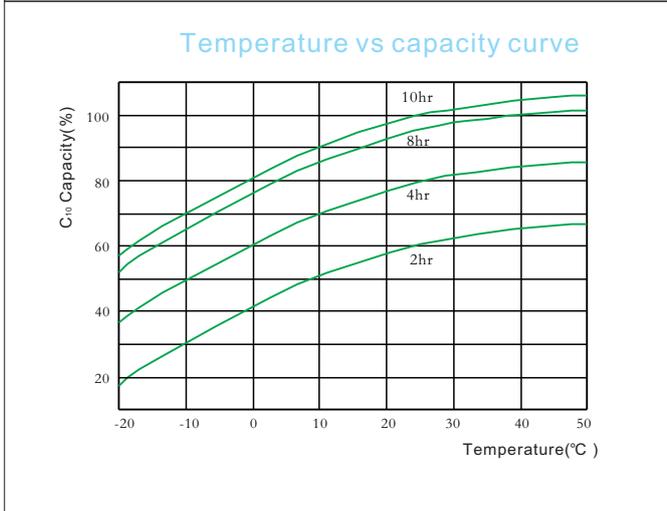
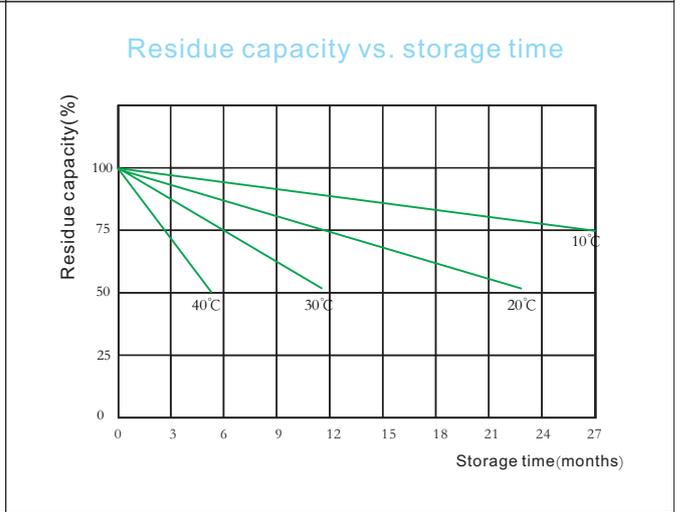
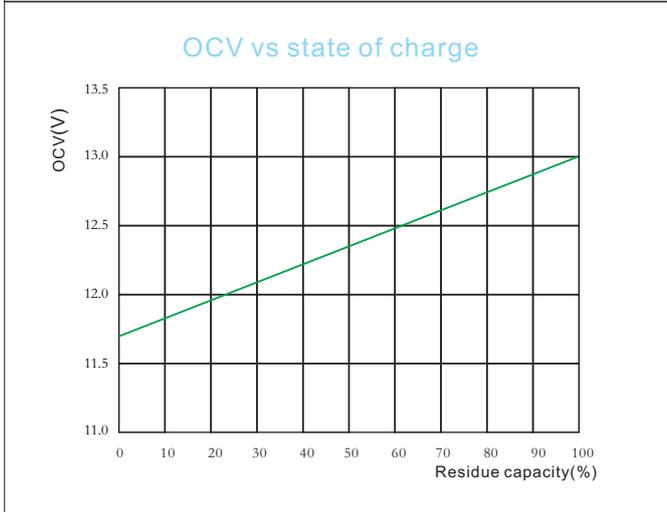
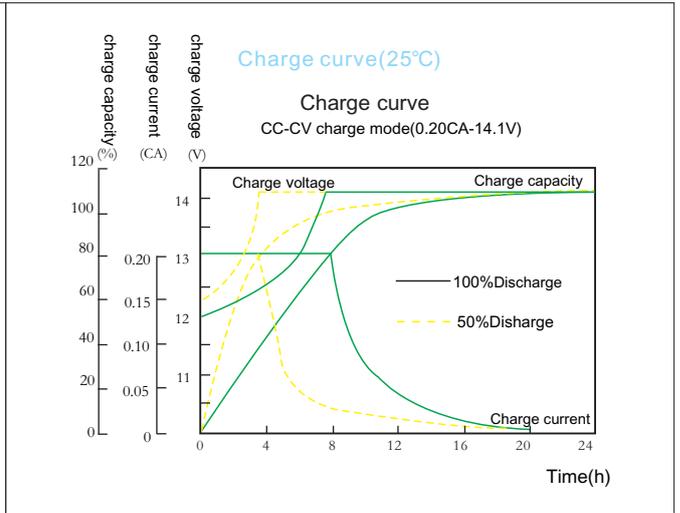
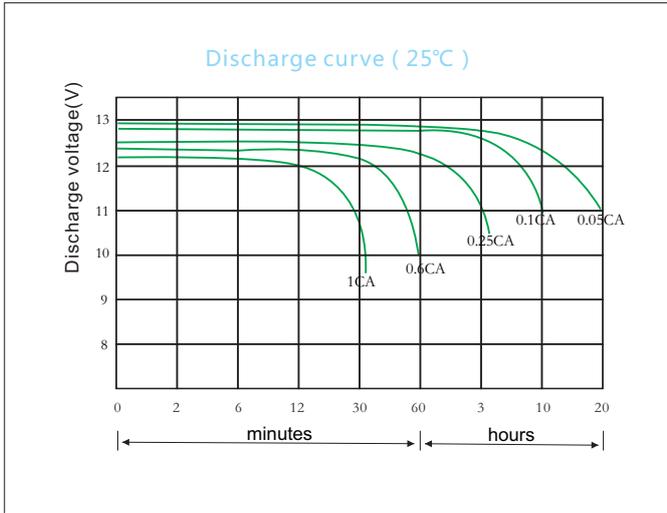
Nominal voltage	12V
Nominal capacity	100Ah(20h rated, 1.75V/cell, 25°C)
Weight	29kg
Internal resistance	Approx. 7.26mΩ
Operation temp.	Discharge: -40°C~50°C Charge: -20°C~50°C Storage: -20°C~40°C
Optimum temperature	15°C~25°C
Float charge	2.27V/cell (25°C)
Max. charge current	25A
Equalization charge	2.35V~2.40V/cell (25°C)
Self discharge	Residue capacity above 87% after 90 days storage at 25°C
Terminal	M6
Container material	ABS

Constant current discharge data (A, 25°C)

End voltage /cell	5min	15min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	12h	20h	24h
1.60V	288	153	96.4	72.4	58.5	37.9	27.3	21.5	17.8	15.3	12.0	9.76	8.29	5.21	4.48
1.67V	250	135	87.4	66.7	54.5	36.4	26.5	21.1	17.5	15.1	11.8	9.63	8.21	5.19	4.38
1.70V	248	134	86.5	66.0	54.0	36.2	26.4	20.9	17.4	14.9	11.7	9.57	8.16	5.16	4.33
1.75V	210	127	85.6	65.9	53.8	36.0	26.3	20.8	17.3	14.8	11.5	9.40	8.11	5.15	4.21
1.80V	193	126	83.8	65.7	53.6	35.5	25.8	20.4	16.9	14.5	11.3	9.30	7.90	4.96	4.19
1.83V	179	119	80.0	62.2	51.5	34.9	25.6	20.4	16.9	14.5	11.3	9.26	7.88	4.87	4.16
1.85V	173	118	79.0	62.0	51.2	34.6	25.4	20.2	16.8	14.4	11.2	9.18	7.81	4.91	4.13

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

End voltage /cell	5min	15min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	12h	20h	24h
1.60V	460	270	175	135	110	71.5	51.9	41.3	34.2	29.5	23.1	18.9	16.1	10.3	8.89
1.67V	429	243	161	125	108	69.0	50.7	40.7	33.8	29.1	22.6	18.7	15.9	10.3	8.77
1.70V	411	241	160	124	106	68.9	50.6	40.6	33.7	28.8	22.4	18.5	15.8	10.2	8.66
1.75V	373	236	159	123	105	68.4	50.4	40.4	33.6	28.7	22.3	18.3	15.7	10.2	8.43
1.80V	349	234	156	122	104	68.2	50.2	40.2	33.4	28.6	22.2	18.2	15.6	10.0	8.39
1.83V	330	222	153	121	99.1	68.1	50.0	40.1	33.2	28.5	22.1	18.1	15.5	9.84	8.36
1.85V	322	220	152	120	98.3	67.8	49.4	39.8	33.1	28.4	22.0	18.0	15.5	9.75	8.34



NARADA POWER SOURCE CO.,LTD.
 9F, Building A, No. 50 Zijinghua Road, Hangzhou, China
 Tel:+86-571-28827013 Fax:+86-571-28828290
 Website:www.naradabattery.com E-mail: intl@narada.biz



GPG12V100B-01-N-EN(Ver.01 Nov. 2012) Subject to revision without prior notice. E.&O.E.

