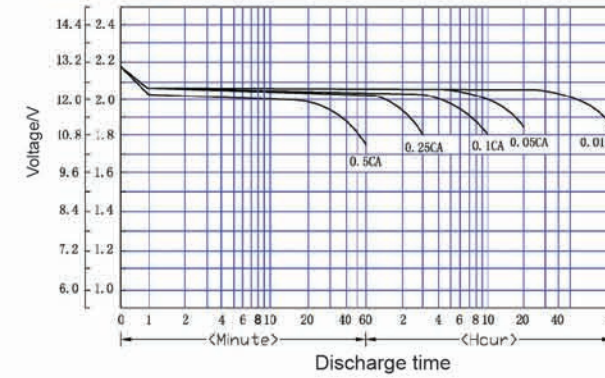


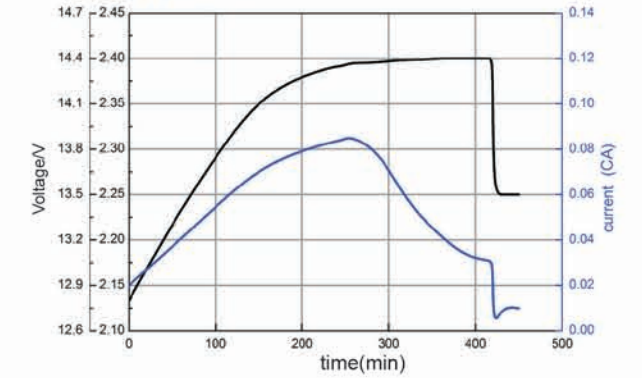
Lead acid (gel) storage battery series

Product model	Rated voltage(V)	Rated capacity (Ah/10Hr)	Dimension (mm,±3%)			
			length	width	height	total height
CN(J)-200	2	200	171	106	330	342
CN(J)-300	2	300	171	151	330	342
CN(J)-400	2	400	196	171	330	342
CN(J)-500	2	500	241	171	330	342
CN(J)-600	2	600	285	171	330	342
CN(J)-800	2	800	383	171	330	342
CN(J)-1000	2	1000	471	171	330	342
CN(J)-1200	2	1200	510	175	337	347
CN(J)-1500	2	1500	318	341	341	351
CN(J)-2000	2	2000	433	342	341	351
CN(J)-2500	2	2500	629	346	341	351
CN(J)-3000	2	3000	629	346	341	351
6-CN(J)-8	12	8	151	65	95	99
6-CN(J)-12	12	12	151	100	97.5	102
6-CN(J)-14	12	14	151	100	97.5	102
6-CN(J)-20	12	20	181	77	170	175
6-CN(J)-24	12	24	165	126	175	181
6-CN(J)-30	12	30	196	165	174	181
6-CN(J)-40	12	40	196	165	174	181
6-CN(J)-50	12	50	229	138	210	230
6-CN(J)-60	12	60	350	166	174	174
6-CN(J)-65	12	65	350	166	174	174
6-CN(J)-70	12	70	350	166	174	174
6-CN(J)-80	12	80	329	172	214	236
6-CN(J)-90	12	90	329	172	214	236
6-CN(J)-100	12	100	329	172	214	236
6-CN(J)-110	12	110	406	174	208	232
6-CN(J)-120	12	120	406	174	208	232
6-CN(J)-150	12	150	483	170	240	240
6-CN(J)-180	12	180	522	240	219	244
6-CN(J)-200	12	200	522	240	219	244
6-CN(J)-220	12	220	522	240	219	244
6-CN(J)-250	12	250	520	269	220	245

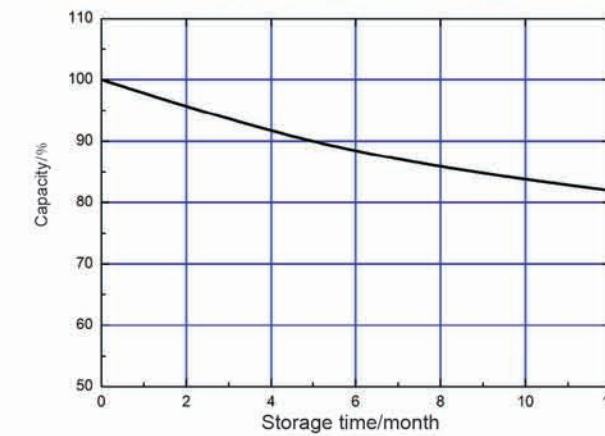
Discharge curve



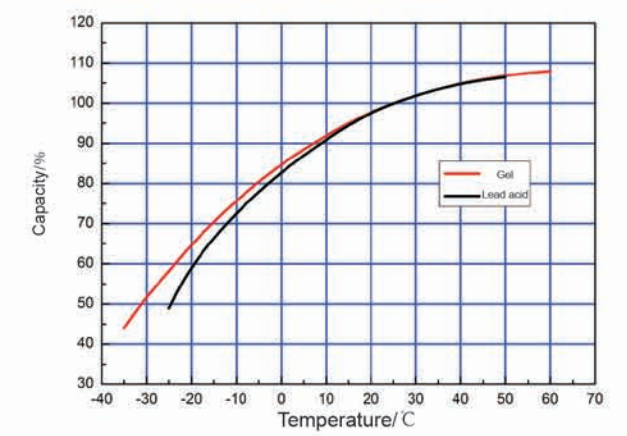
Charging curve



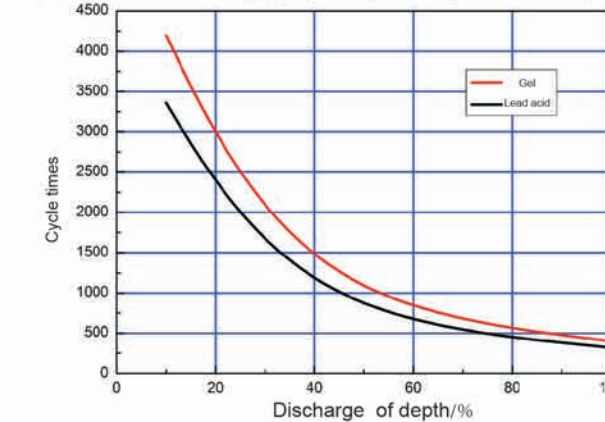
Self-discharge rate under room temperature (25 °C)



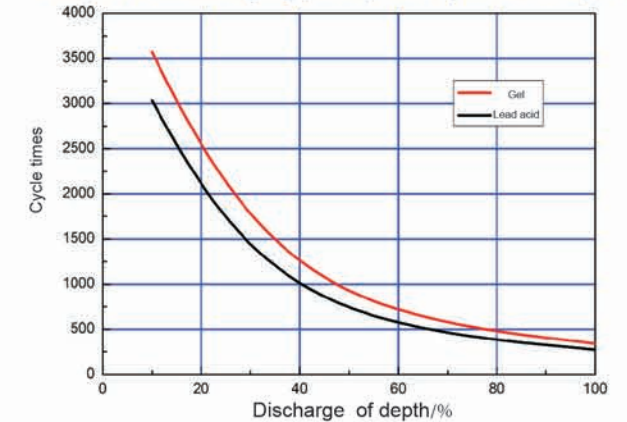
Capacity VS. Ambient temperature



Depth of discharging(DOD) and cyclic times (2V)



Depth of discharging(DOD) and cyclic times (12V)



An off grid power station for military defense



A solar street lighting system in Dubai

Specialty batteries for plateaus

Application field

Energy storage system located at the area of 1500 m above sea level, such as solar energy (wind) household systems, off-grid power station, solar energy (wind) communication base station, solar energy (wind) lamps, mobile energy storage system, solar traffic lights, solar building system, etc.

Executive standards

GB/T 22473-2008 <Lead acid battery used for energy storage>, IEC 61427-2005<Secondary cells and batteries for photovoltaic energy systems (PVES) -General requirements and methods of test>.

Integrated performance

1. Available in Plateau: By breaking through the traditional craft, the batteries work properly in the high altitude area of more than 5500 m above sea level.
2. Wide operational temperature range: polymer electrolyte of low temperature tolerant makes the battery temperature range from -50℃ to 65℃.
3. Low pressure tolerance: Using special pressure design, the battery internal components in a very low pressure environment is still good to run.
4. Long cycle-life: Using special alloy patent, battery design life can reach to 15 ~ 18 years.
5. Recovery easily: Using plateau special craft formula, after over-discharge, the battery can be recovery fast and effectively.
6. Easy to install: Batteries with independent patent design, can be connected fast, simply and conveniently.



Lead-acid(gel) storage battery series used in plateau

Product model	Rated voltage(V)	Rated capacity (Ah/10Hr)	Dimension (mm,±3%)			
			length	width	height	total height
CN(J)-200	2	200	171	106	330	342
CN(J)-300	2	300	171	151	330	342
CN(J)-400	2	400	196	171	330	342
CN(J)-500	2	500	241	171	330	342
CN(J)-600	2	600	285	171	330	342
CN(J)-800	2	800	383	171	330	342
CN(J)-1000	2	1000	471	171	330	342
CN(J)-1200	2	1200	510	175	337	347
CN(J)-1500	2	1500	318	341	341	351
CN(J)-2000	2	2000	433	342	341	351
CN(J)-2500	2	2500	629	346	341	351
CN(J)-3000	2	3000	629	346	341	351
6-CN(J)-8	12	8	151	65	95	99
6-CN(J)-12	12	12	151	100	97.5	102
6-CN(J)-14	12	14	151	100	97.5	102
6-CN(J)-20	12	20	181	77	170	175
6-CN(J)-24	12	24	165	126	175	181
6-CN(J)-30	12	30	196	165	174	181
6-CN(J)-40	12	40	196	165	174	181
6-CN(J)-50	12	50	229	138	210	230
6-CN(J)-60	12	60	350	166	174	174
6-CN(J)-65	12	65	350	166	174	174
6-CN(J)-70	12	70	350	166	174	174
6-CN(J)-80	12	80	329	172	214	236
6-CN(J)-90	12	90	329	172	214	236
6-CN(J)-100	12	100	329	172	214	236
6-CN(J)-110	12	110	406	174	208	232
6-CN(J)-120	12	120	406	174	208	232
6-CN(J)-150	12	150	483	170	240	240
6-CN(J)-180	12	180	522	240	219	244
6-CN(J)-200	12	200	522	240	219	244
6-CN(J)-220	12	220	522	240	219	244
6-CN(J)-250	12	250	520	269	220	245