

## Maintenance & Cautions

- No Spark, Flame or Smoking please press now we charge the battery this make
- Charge in well ventilated areas, Remove from vehicle prior to charging
- Read your vehicle booster and battery manuals prior to charging
- In case of exposure to acid, flush immediately with clean water, then request immediate medical assistance
- Do not block alter venting holes
- Keep out of reach of children

## Warning & Safety Regulations for Filled, Sealed Lead-Acid Battery

- Do not expose batteries to direct sunlight (battery casing may become brittle)
- Discharged batteries can freeze
- Store battery above freezing point (fully charged acid battery is -70°C; Battery at 50% charge -15°C)

## Disposal Method

- Dispose at an authorised collection point
- Never dispose with household waste
- Always store and transport batteries in an upright position (free of danger, shortcircuits & tipping over)
- During transportation, leave protective cover over the negative terminal
- Transport batteries in appropriate, acid-resistant containers



FLAMMABLE



SHIELD  
EYES



KEEP OUT OF THE  
REACH OF CHILDREN



CAUTION  
SULPHURIC ACID



READ INSTRUCTION  
MANUEL CAREFULLY



EXPLOSIVE

## A (25C)

Specifications	
Nominal Voltage	12V
Rated Capacity	100Ah @20hr to 10.5V @25°C
Dimensions	332mm(L) x 171mm(W) x 252mm(H)
Weight	25Kg
Internal Resistance	Approx. 6.5mΩ
Temperatures	Discharge: - 40°C ~50°C Charging: - 40°C ~50°C Storage: - 40°C ~40°C
Best using Temp.	- 10°C ~30°C
Constant Charge Electricity	10A
Constant Charge Voltage	16.0V
Largest Charge Electricity	30.0A
Self-Discharge	Rest Capacity >60% (store after 90 days) 25
Terminal Type	Screw Terminal
Casing Material	PP

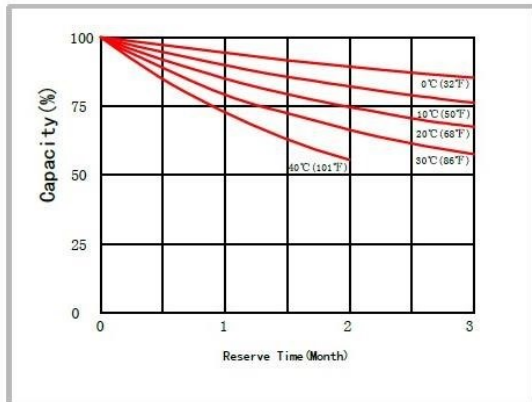
	5M	15M	30M	45M	1H	2H	3H	4H	5H	6H	8H	10H	12H	20H	24H
1.6V	293.4	157.5	95.4	68.94	55.89	31.95	25.11	19.26	17.28	14.49	11.25	9.36	7.884	4.905	4.095
1.67V	274.5	152.1	93.6	68.67	55.44	31.77	24.66	19.17	17.1	14.49	11.16	9.27	7.794	4.851	4.077
1.70V	272.7	149.4	92.7	67.95	55.17	31.5	24.39	18.99	16.92	14.4	11.16	9.18	7.722	4.833	4.068
1.75V	251.1	144	91.8	67.5	54.27	30.78	24.12	18.81	16.74	14.31	10.89	9.09	7.686	4.815	4.059
1.80V	224.1	135	87.3	64.89	52.83	30.51	23.94	18.72	16.29	14.04	10.8	9	7.677	4.788	4.05
1.83V	214.2	123.3	86.4	62.55	50.67	30.06	23.22	17.91	15.75	13.59	10.71	8.64	7.344	4.761	3.978
1.85V	200.7	119.7	80.1	60.12	49.05	28.89	22.68	17.64	15.39	13.23	10.35	8.64	7.317	4.689	3.933

## W (25C)

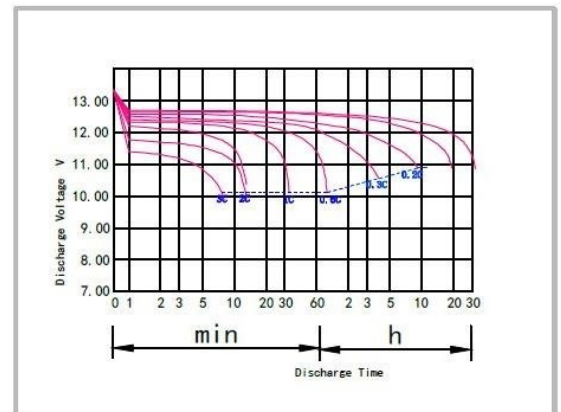
	5M	15M	30M	45M	1H	2H	3H	4H	5H	6H	8H	10H	12H	20H	24H
1.6V	528.3	298.8	185.4	139.5	113.4	65.16	47.61	37.62	31.77	27.45	21.24	17.46	14.67	9.36	7.884
1.67V	506.7	293.4	184.5	138.6	112.5	64.89	46.89	37.53	31.77	27.27	21.06	17.28	14.67	9.36	7.884
1.70V	504.9	288.9	184.5	138.6	112.5	64.62	46.89	37.44	31.23	27	20.97	17.19	14.58	9.36	7.866
1.75V	476.1	286.2	183.6	138.6	110.7	64.44	46.44	37.44	31.23	27	20.79	17.1	14.49	9.36	7.866
1.80V	438.3	270	179.1	135	110.7	64.17	46.44	37.44	30.78	26.73	20.7	17.1	14.49	9.36	7.839
1.83V	423.9	248.4	177.3	131.4	105.3	63.45	45.27	36	30.06	25.83	20.52	16.65	14.04	9.27	7.794
1.85V	400.5	241.2	164.7	126	102.6	61.38	44.01	35.55	29.34	25.38	19.89	16.47	13.86	9.09	7.722

## Technical Charts

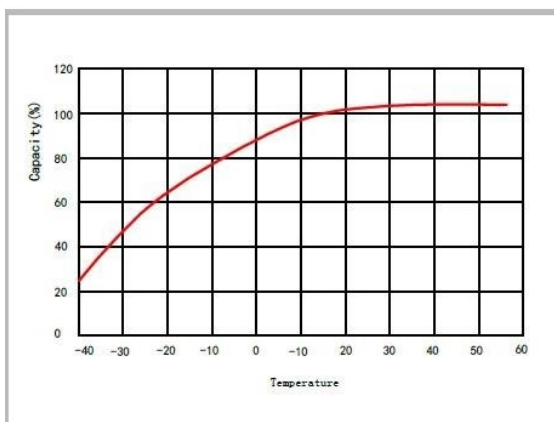
SELF DISCHARGE CHARACTERISTICS



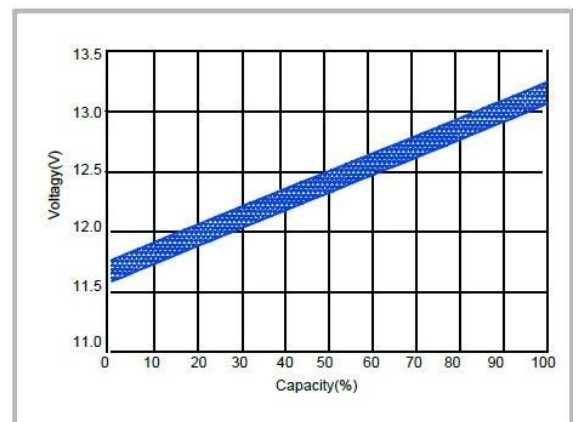
CHARGING CHARACTERISTICS (25°C)



TEMP. EFFECTS IN RELATION TO BATTERY CAPACITY



OCV and Remaining Capacity



CYCLE LIFE IN RELATION TO THE DEPTH OF DISCHARGE

