

**Range Summary**

Using oxygen recombination technology: maintenance-free  
 PbCaSn alloy for plate grids: low self discharge rate than 3% per month  
 High quality AGM separator: extend cycle life and prevent micro short circuit retardant  
 High purity raw material: 99.99% pure lead



**Application**

Cable Television  
 Communication  
 Equipment  
 Security System

UPS  
 Control Equipment  
 Medical Equipment  
 Emergency Power



ISO 9001

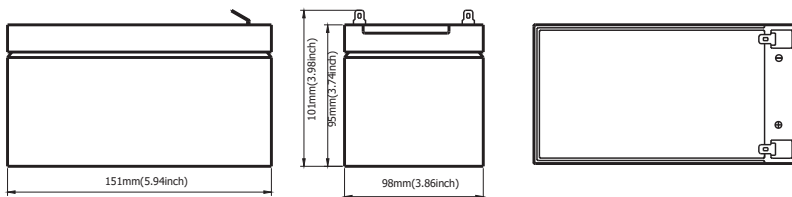


ISO 14001

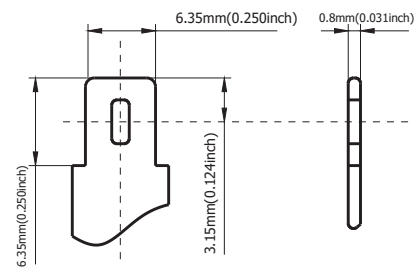


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**Battery Dimensions**

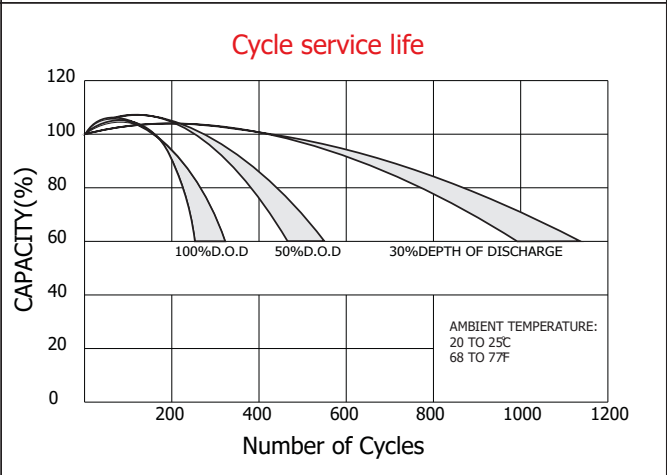
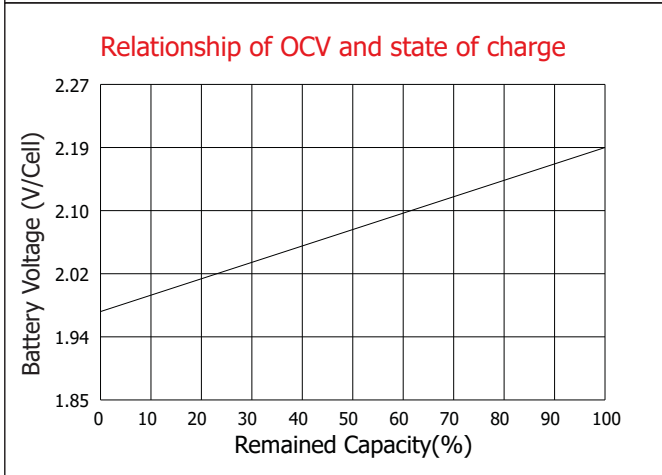
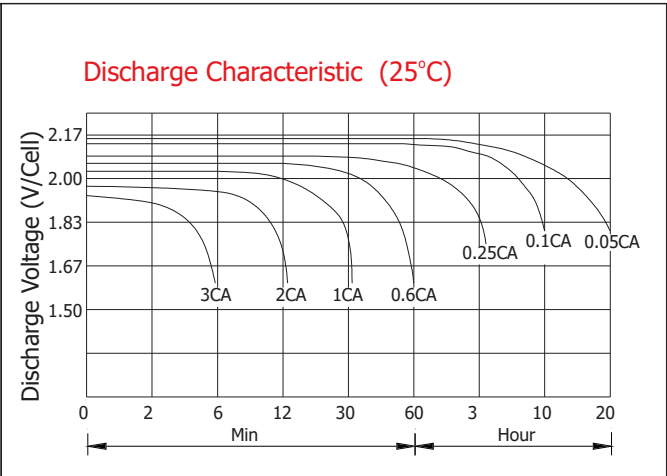
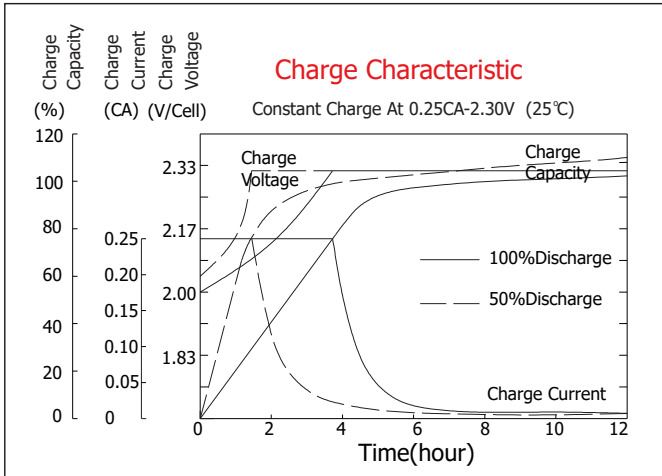


**Terminal Dimensions**



**Technical Specifications**

Battery Model	NPC12-15			
Designed Floating Life	5 Years			
Capacity(25°C)	20HR(0.75A,1.80V)	10HR(1.35A,1.80V)	5HR(2.55A,1.75V)	1HR(9.81A,1.60V)
	15AH	13.5AH	12.75AH	9.81AH
Dimensions	Length	Width	Height	Total Height
	151mm(5.94inch)	98mm(3.86inch)	95mm(3.74inch)	101mm(3.98inch)
Approx. Weight	4.0Kg (8.8 lbs)			
Internal Resistance	Full charged at 25°C: 0.019 Ohm			
Self Discharge	3% of capacity declined per month at (25°C)			
Capacity Affected by Temp.(20HR)	40°C	25°C	0°C	-15°C
	109%	100%	85%	65%
Charge Voltage(25°C)	Cycle use		Float use	
	14.4-14.8V(-30mV/°C), max. Current:3.6A		13.6-13.8V(-20mV/°C)	



### Constant current discharge ratings-amperes at 25°C

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	58.6	36.5	27.5	16.8	9.81	4.68	2.71	1.41	0.84
1.67V	55.0	34.6	26.5	16.0	9.68	4.50	2.66	1.40	0.80
1.70V	50.4	33.4	25.9	14.6	9.39	4.20	2.60	1.39	0.79
1.75V	49.4	32.3	25.0	13.9	8.94	4.06	2.55	1.38	0.78
1.80V	44.3	30.9	22.8	12.9	8.38	3.90	2.40	1.35	0.75
1.85V	39.0	29.4	20.4	11.8	7.80	3.76	2.24	1.34	0.73

### Constant power discharge ratings-watts at 25°C

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	102.8	65.9	50.3	30.3	17.8	8.30	4.59	2.81	1.66
1.67V	99.3	64.1	49.6	29.6	17.6	8.04	4.58	2.80	1.60
1.70V	95.0	63.5	49.1	27.8	17.3	7.68	4.51	2.78	1.59
1.75V	94.0	63.4	48.8	26.9	17.0	7.50	4.48	2.75	1.55
1.80V	86.0	62.4	45.3	25.6	16.0	7.28	4.34	2.71	1.50
1.85V	78.0	59.3	41.0	24.0	15.0	7.06	4.20	2.68	1.45