

NPC12V9.5 12V 9.5AH

Deep Cycle Series

POWER AGM BATTERY

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

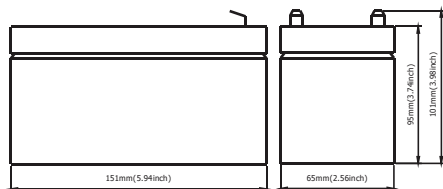


ISO 14001

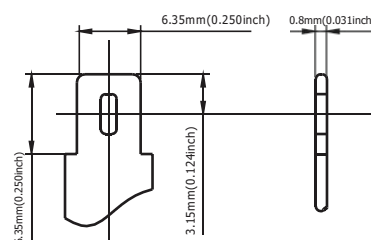


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Battery Dimensions

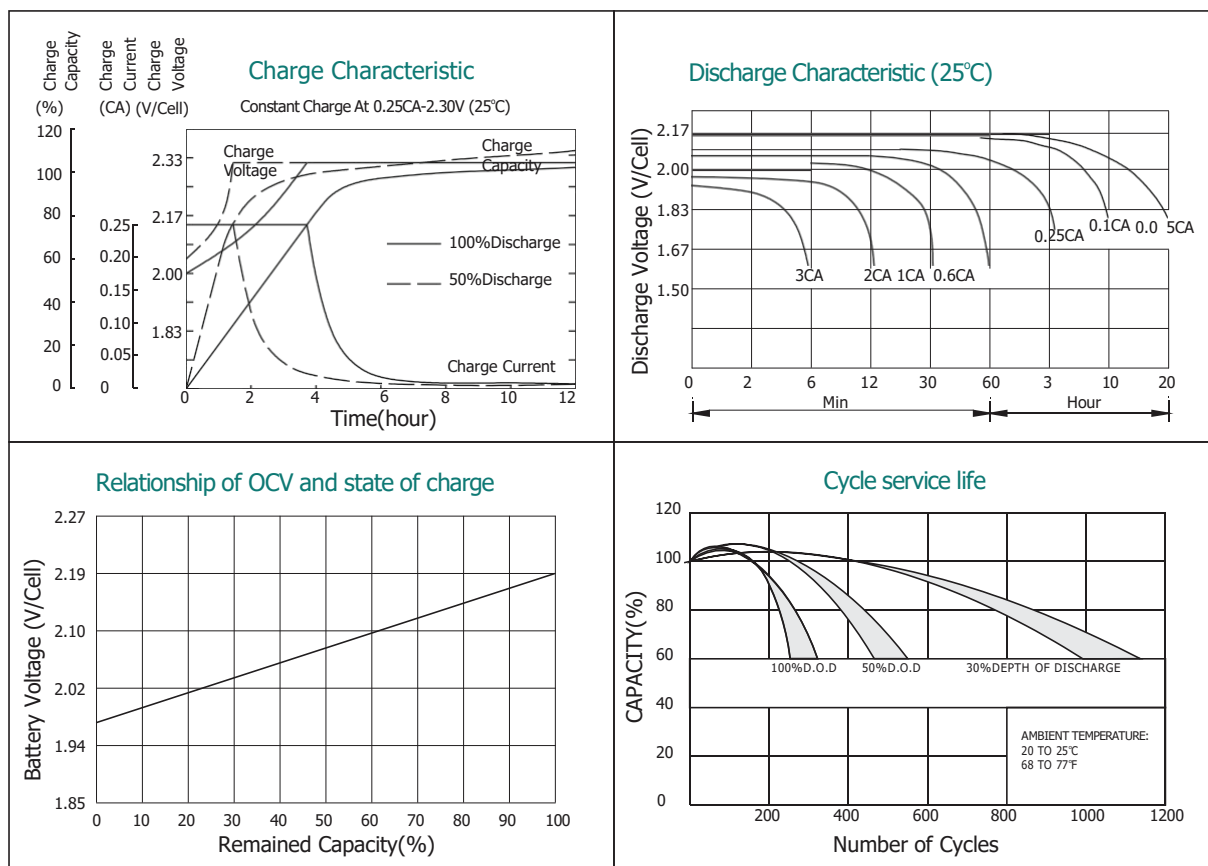


Terminal Dimensions



Technical Specifications

Battery Model	12V9.5			
Designed Floating Life	5 Years			
Capacity(25°C)	20HR(0.475A,1.80V)	10HR(0.86A,1.80V)	5HR(1.62A,1.75V)	1HR(6.21A,1.60V)
	9.5AH	8.60AH	8.10AH	6.21AH
Dimensions	Length	Width	Height	Total Height
	151mm(5.94inch)	65mm(2.56inch)	95mm(3.74inch)	101mm(3.98inch)
Approx. Weight	2.95 Kg (6.49 lbs)			
Internal Resistance	Full charged at 25°C: 0.017 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: 2.85A		13.6-13.8V(-18mV/ °C)	



Constant current discharge ratings-amperes at 25°C

F. V / T i m e	5 M I N	1 0 M I N	1 5 M I N	3 0 M I N	1 H R	3 H R	5 H R	1 0 H R	2 0 H R
1 . 6 0 V	3 7 . 1	2 3 . 1	1 7 . 4	1 0 . 6	6 . 2 1	2 . 9 6	1 . 7 2	0 . 8 9 1	0 . 5 3 3
1 . 6 7 V	3 4 . 8	2 1 . 9	1 6 . 8	1 0 . 1 6	6 . 1 3	2 . 8 5	1 . 6 8	0 . 8 8 3	0 . 5 1 4
1 . 7 0 V	3 1 . 9	2 1 . 1	1 6 . 4	9 . 2 4	5 . 9 4	2 . 6 6	1 . 6 5	0 . 8 8 0	0 . 5 0 6
1 . 7 5 V	3 1 . 3	2 0 . 5	1 5 . 8	8 . 7 7	5 . 6 6	2 . 5 7	1 . 6 2	0 . 8 6 8	0 . 4 9 3
1 . 8 0 V	2 8 . 0	1 9 . 5	1 4 . 4	8 . 1 3	5 . 3 0	2 . 4 7	1 . 5 2	0 . 8 6 0	0 . 4 7 5
1 . 8 5 V	2 4 . 7	1 8 . 6	1 2 . 9	7 . 4 8	4 . 9 4	2 . 3 8	1 . 4 2	0 . 8 4 4	0 . 4 6 6

Constant power discharge ratings-watts at 25°C

F. V / T i m e	5 M I N	1 0 M I N	1 5 M I N	3 0 M I N	1 H R	3 H R	5 H R	1 0 H R	2 0 H R
1 . 6 0 V	6 5 . 1	4 1 . 7	3 1 . 8	1 9 . 1	1 1 . 2	5 . 2 6	2 . 9 1	1 . 7 8	1 . 0 6
1 . 6 7 V	6 2 . 8	4 0 . 6	3 1 . 4	1 8 . 7	1 1 . 1	5 . 0 9	2 . 9 0	1 . 7 7	1 . 0 3
1 . 7 0 V	6 0 . 2	4 0 . 2	3 1 . 1	1 7 . 5	1 0 . 9	4 . 8 6	2 . 8 6	1 . 7 6	1 . 0 1
1 . 7 5 V	5 9 . 5	4 0 . 1	3 0 . 9	1 7 . 0	1 0 . 7	4 . 7 5	1 . 6 2	1 . 7 4	0 . 9 9
1 . 8 0 V	5 4 . 5	3 9 . 5	2 8 . 6	1 6 . 2	1 0 . 1	4 . 6 1	2 . 7 5	1 . 7 2	0 . 4 8
1 . 8 5 V	4 9 . 4	3 7 . 5	2 6 . 0	1 5 . 2	9 . 5	4 . 4 7	2 . 6 6	1 . 6 9	0 . 9 2