

NPC 12-60 12V60AH

VRLA BATTERY

POWER AGM BATTERY

Deep cycle application series

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



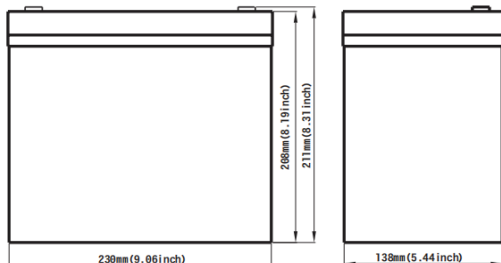
Application

Cable Television
Communication
Equipment
Security System

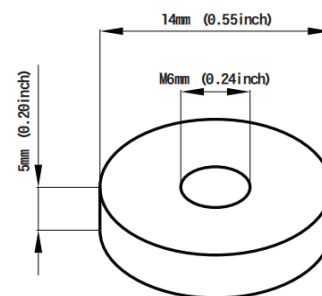
UPS
Control Equipment
Medical Equipment
Emergency Power



Battery Dimensions



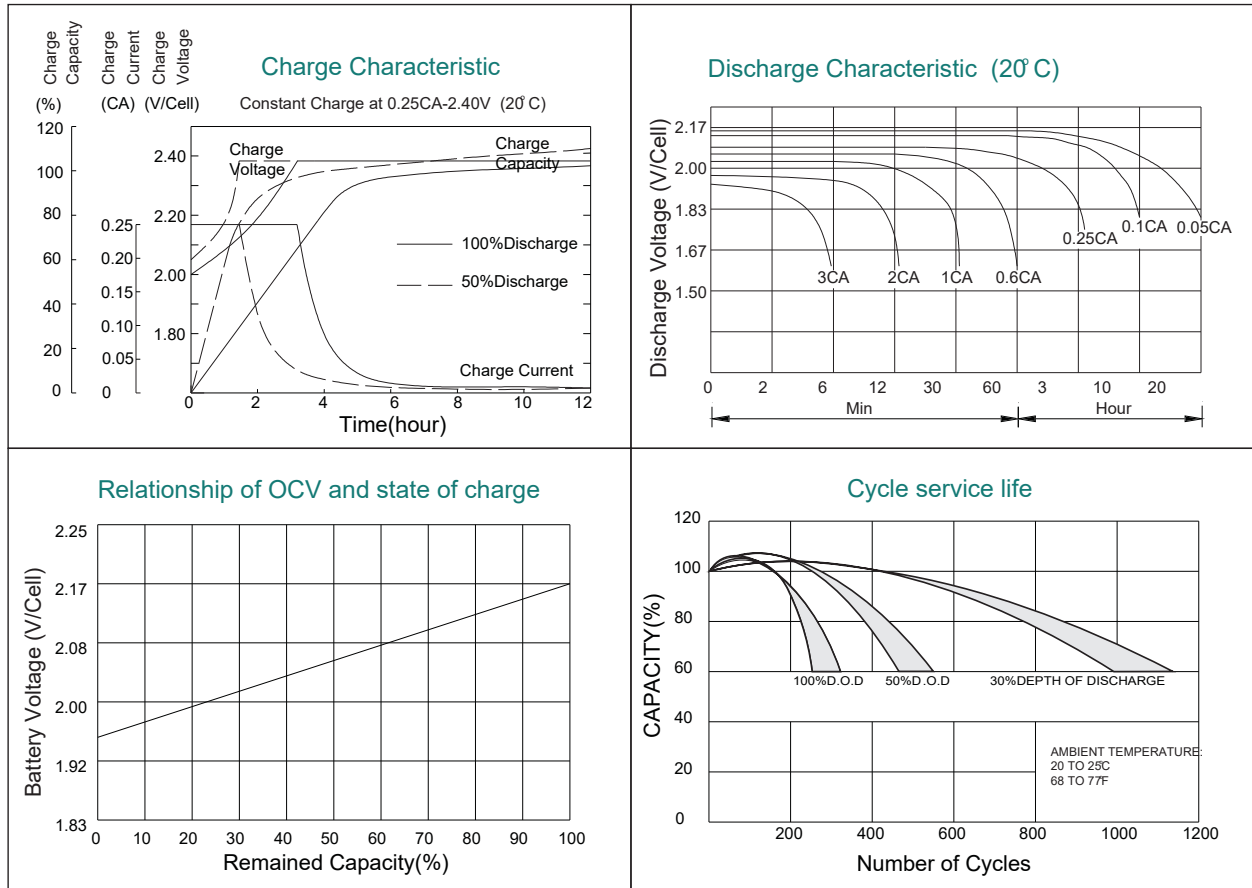
Terminal Dimensions



Technical Specifications

Battery Model	NPC12-60			
Designed Floating Life	12 Years			
Capacity(20°C)	20HR(3.18A, 1.80V)	10HR(6.0A, 1.80V)	5HR(11.3A, 1.75V)	1HR(39.6A, 1.60V)
	63.6Ah	60Ah	56.5Ah	39.6Ah
Dimensions	Length	Width	Height	Total Height
	230mm(9.06inch)	138mm(5.43inch)	208mm(8.19inch)	211mm(8.31inch)
Approx. Weight	17.5Kg(38.5 lbs)			
Internal Resistance	Full charged at 20°C: 0.006 Ohm			
Self Discharge	< 3% of capacity declined per month at (20 °C)			
Capacity Affected by Temp.(10HR)	40°C	20°C	0 °C	-15°C
	102%	100%	85%	65%
Charge Voltage(20° C)	Cycle use		Float use	
	14.4-14.8V(-30mV/°C), max. Current: 16.25A		13.6-13.8V(-18mV/°C)	

Deep cycle application series



Constant current discharge ratings-amperes at 20°C

F.V/Time	5min	10min	15min	30min	1h	3h	5h	10h	20h
1.60V	210	144	105	63.0	39.6	16.5	11.5	6.36	3.32
1.67V	189	131	102	61.2	39.5	16.4	11.4	6.27	3.29
1.70V	179	126	99	60.0	39.4	16.3	11.4	6.22	3.27
1.75V	160	117	93	58.8	39.0	16.2	11.3	6.09	3.23
1.80V	144	109	88.8	57.0	38.5	16.2	11.2	6.00	3.18
1.85V	109	89.4	76.8	52.4	38.1	16.1	11.1	5.90	2.99

Constant power discharge ratings-watts at 20°C

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	228	156	114	68.3	42.9	17.7	12.4	6.89	3.43
1.67V	205	142	111	66.3	42.8	17.7	12.3	6.79	3.41
1.70V	194	137	107	65.0	42.7	17.7	12.3	6.74	3.41
1.75V	173	127	101	63.7	42.3	17.6	12.2	6.62	3.40
1.80V	156	118	96.2	61.8	41.7	17.5	12.1	6.51	3.28
1.85V	118	96.9	83.2	56.8	41.3	17.4	12.0	6.39	3.08