



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



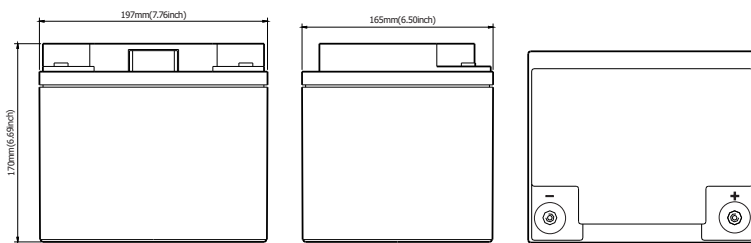
Application

Cable Television
 Communication
 Equipment
 Security System

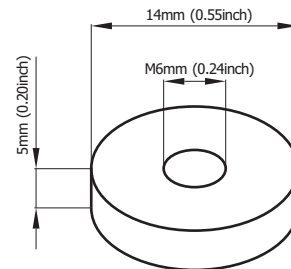
UPS
 Control Equipment
 Medical Equipment
 Emergency Power



Battery Dimensions

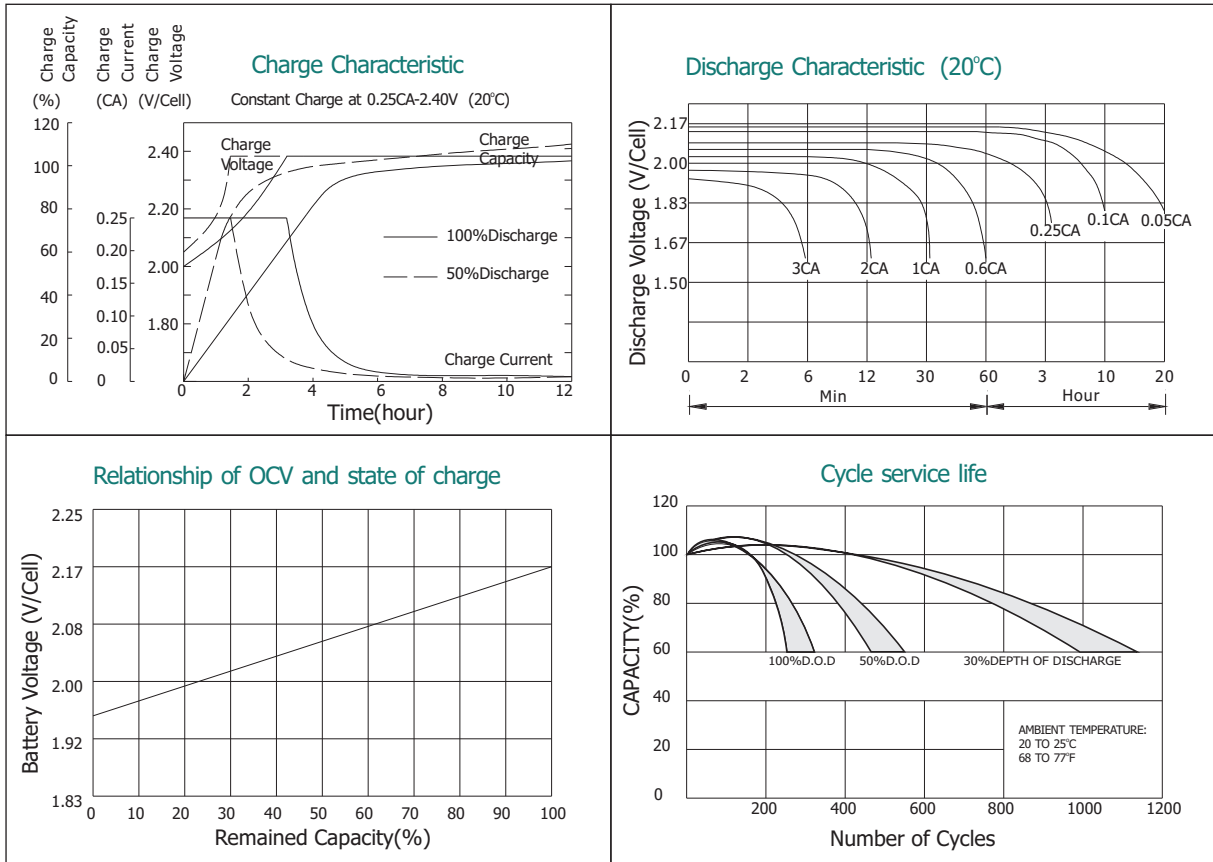


Terminal Dimensions



Technical Specifications

Battery Model	NPC12-55			
Designed Floating Life	12 Years			
Capacity(20°C)	20HR(2.75A,1.80V)	10HR(5.2A,1.80V)	5HR(9.4A,1.75V)	1HR(36.3A,1.60V)
	55Ah	52Ah	47Ah	36Ah
Dimensions	Length	Width	Height	Total Height
	197mm(7.76inch)	165mm(6.50inch)	170mm(6.69inch)	170mm(6.69inch)
Approx. Weight	16.0kg (35.2 lbs)			
Internal Resistance	Full charged at 20°C: 0.0058 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
	109%	100%	85%	65%
Charge Voltage(20°C)	Cycle use		Float use	
	14.4-14.8V(-30mV/ °C), max. Current: 13.75A		13.6-13.8V(-18mV/ °C)	



Constant current discharge ratings-amperes at 20°C

F.V/Time	5min	10min	15min	30min	1h	3h	5h	10h	20h
1.60V	193	132	96.3	57.8	36.3	15.0	9.55	5.71	3.00
1.67V	173	120	93.5	56.1	36.2	14.9	9.47	5.66	2.95
1.70V	164	116	90.2	55.0	36.0	14.8	9.42	5.53	2.87
1.75V	146	107	85.3	53.9	35.8	14.7	9.39	5.42	2.82
1.80V	132	100	81.4	52.3	35.3	14.6	9.32	5.20	2.75
1.85V	100	82.0	70.4	48.1	34.9	14.5	9.24	5.41	2.70

Constant power discharge ratings-watts at 20°C

F.V/Time	5min	10min	15min	30min	1h	3h	5h	10h	20h
1.60V	317	219	171	109	71.5	28.8	18.4	11.7	6.09
1.67V	301	216	169	107	69.1	28.7	18.3	11.5	6.06
1.70V	281	211	166	104	67.3	28.6	18.2	11.4	6.04
1.75V	262	197	156	101	66.7	28.4	18.0	11.2	6.00
1.80V	235	183	147	98.5	65.6	28.0	17.8	11.0	5.82
1.85V	188	152	128	90.2	65.0	27.9	17.5	10.8	5.48