



# AGM SEALED BATTERY NPC110-12 (12V110Ah)



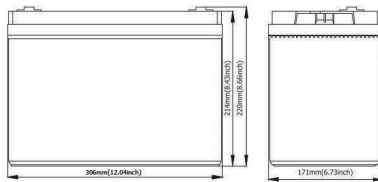
## Range Summary

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

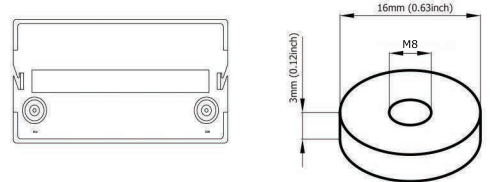
## Application

- Cable Television
- Communication Equipment
- Security System
- UPS
- Control Equipment
- Medical Equipment
- Emergency Power

## Battery Dimensions



## Terminal Dimensions



## Technical Specifications

Battery Model	JP12-110			
Designed Floating Life	12 Years			
Capacity(20°C)	20HR(5.85A,1.80V)	10HR(11A,1.80V)	5HR(18.8A,1.75V)	1HR(69A,1.60V)
	117Ah	110Ah	94Ah	69Ah
Dimensions	Length	Width	Height	Total Height
	306mm(12.04inch)	171mm(6.73inch)	214mm(8.43inch)	220mm(8.66inch)
Approx. Weight	31.0Kg (68.2 lbs)			
Internal Resistance	Full charged at 20°C: 0.0045 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: 27.5A		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	385	264	193	116	69.0	30.3	19.3	11.7	6.09
1.67V	347	241	187	112	68.9	30.0	19.0	11.6	6.06
1.70V	329	232	180	110	68.7	29.9	18.9	11.4	6.05
1.75V	293	215	171	108	67.9	29.7	18.8	11.2	6.04
1.80V	264	199	163	105	67.1	29.6	18.6	11.0	5.85
1.85V	200	164	141	96.1	66.4	29.5	18.5	10.8	5.48

### Constant power discharge ratings-watts at 20°C

F.V/Time	5min	10min	15min	30min	1h	3h	5h	10h	20h
1.60V	635	438	341	218	136	58.1	36.9	23.3	12.2
1.67V	602	432	338	213	131	57.6	36.6	23.0	12.1
1.70V	562	421	332	208	128	57.2	36.5	22.8	12.0
1.75V	524	394	312	202	127	56.8	36.1	22.4	11.9
1.80V	470	366	294	197	125	56.0	35.5	22.0	11.6
1.85V	376	304	256	180	123	55.8	35.0	21.6	11.0

