



AGM SEALED BATTERY NPC85-12 (12V85Ah)



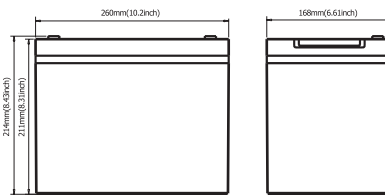
Range Summary

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

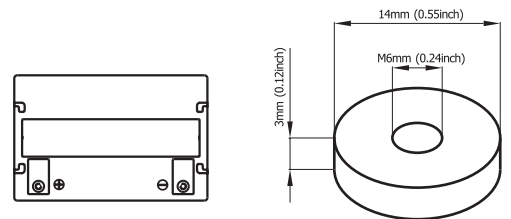
Application

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

Battery Dimensions



Terminal Dimensions



Technical Specifications

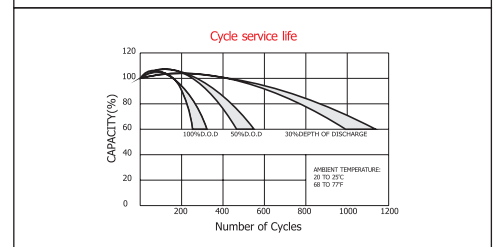
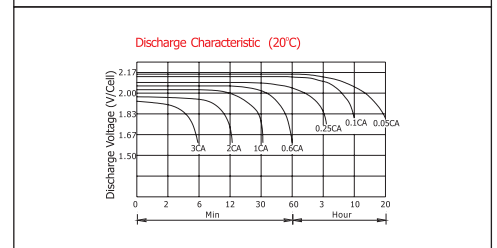
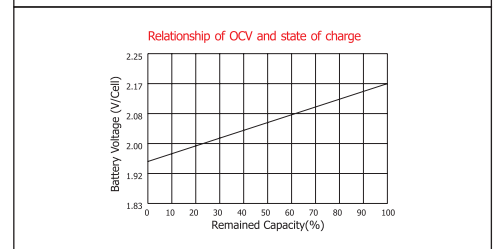
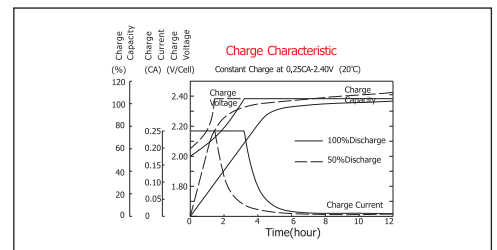
Battery Model	JP12-85			
Designed Floating Life	12 Years			
Capacity(20°C)	20HR(4.45A,1.80V)	10HR(8.5A,1.80V)	5HR(15.0A,1.75V)	1HR(56.1A,1.60V)
	89Ah	85Ah	75Ah	56.1Ah
Dimensions	Length	Width	Height	Total Height
	260mm(10.2inch)	168mm(6.61inch)	211mm(8.31inch)	214mm(8.43inch)
Approx. Weight	24Kg (52.8 lbs)			
Internal Resistance	Full charged at 20°C: 0.0054 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: 21.2A		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	298	204	149	89.3	56.1	23.2	15.3	9.01	4.68
1.67V	268	186	145	86.7	55.8	23.0	15.2	8.88	4.62
1.70V	254	179	139	85.0	55.6	22.6	15.1	8.81	4.58
1.75V	226	166	132	83.3	55.3	22.3	15.0	8.66	4.53
1.80V	204	154	126	80.8	54.6	21.8	14.8	8.50	4.45
1.85V	155	127	109	74.3	54.0	21.0	14.7	8.36	4.23

Constant power discharge ratings-watts at 20°C

F.V/Time	5min	10min	15min	30min	1h	3h	5h	10h	20h
1.60V	490	338	264	168	111	42.8	29.5	18.0	9.19
1.67V	465	334	261	165	107	42.3	29.3	17.8	9.15
1.70V	434	326	257	161	104	42.0	29.1	17.6	9.10
1.75V	405	304	241	156	103	41.7	28.8	17.3	9.03
1.80V	363	283	227	152	101	41.1	28.3	17.0	8.92
1.85V	291	235	198	139	100	40.9	27.9	16.7	8.38





AGM SEALED BATTERY NPC110-12 (12V110Ah)



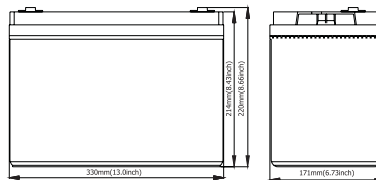
Range Summary

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

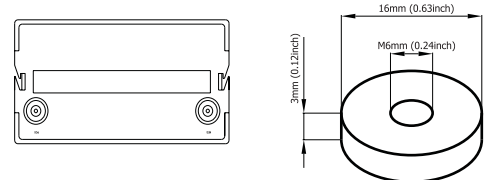
Application

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

Battery Dimensions



Terminal Dimensions



Technical Specifications

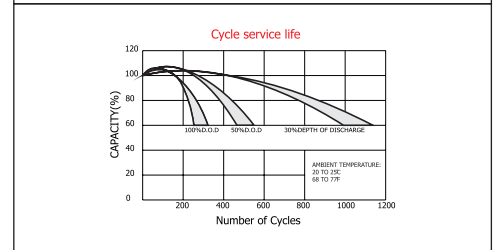
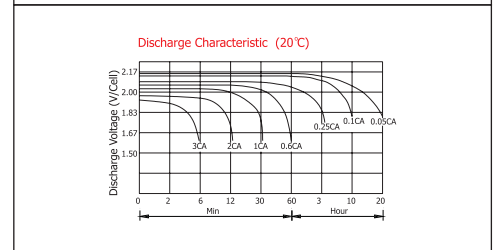
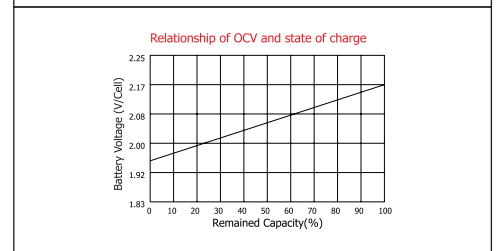
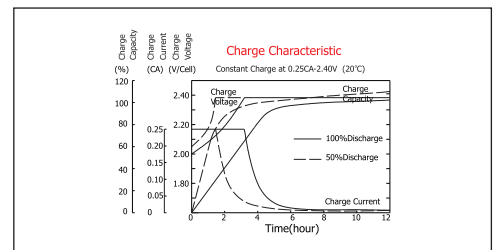
Battery Model	JP12-110			
Designed Floating Life	12 Years			
Capacity(20°C)	20HR(5.85A,1.80V)	10HR(11A,1.80V)	5HR(18.8A,1.75V)	1HR(69A,1.60V)
	117Ah	110Ah	94Ah	69Ah
Dimensions	Length	Width	Height	Total Height
	330mm(13.0inch)	171mm(6.73inch)	214mm(8.43inch)	220mm(8.66inch)
Approx. Weight	31.0Kg (68.2 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





AGM SEALED BATTERY NPC135-12 (12V135Ah)



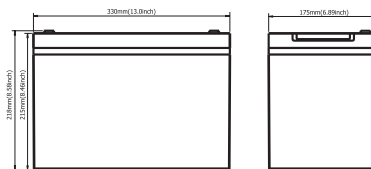
Range Summary

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 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

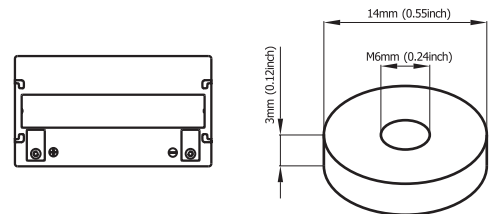
Application

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

Battery Dimensions

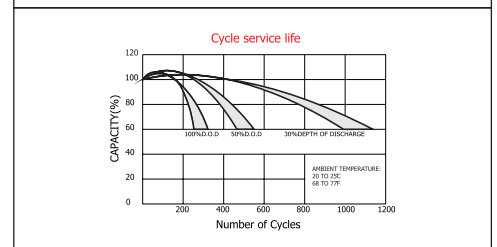
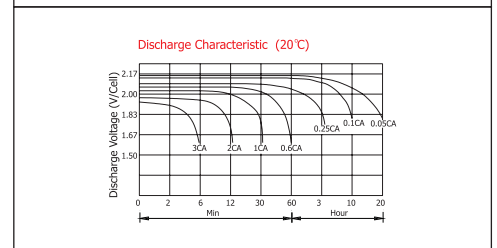
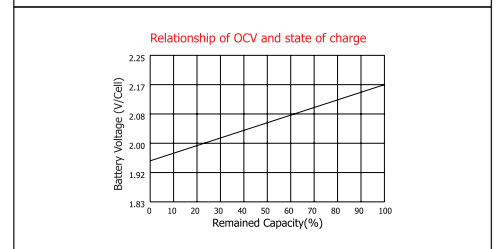
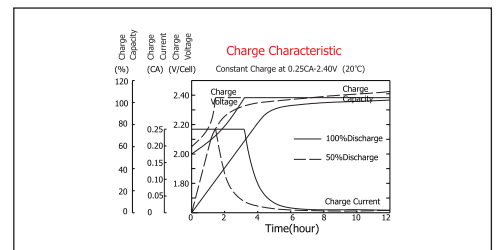


Terminal Dimensions



Technical Specifications

Battery Model	JP12-135			
Designed Floating Life	12 Years			
Capacity(20°C)	20HR(7.15A,1.80V)	10HR(13.5A,1.80V)	5HR(25.3A,1.75V)	1HR(89.1A,1.60V)
	143Ah	135Ah	127Ah	89.1Ah
Dimensions	Length	Width	Height	Total Height
	330mm(13.0inch)	175mm(6.89inch)	215mm(8.46inch)	218mm(8.58inch)
Approx. Weight	34Kg (74.8 lbs)			
Internal Resistance	Full charged at 20°C: 0.0038 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: 33.75A		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	473	324	236	142	89.1	36.9	25.8	14.3	7.47
1.67V	425	296	230	138	88.9	36.8	25.6	14.1	7.44
1.70V	404	285	221	135	88.7	36.7	25.5	14.0	7.40
1.75V	359	263	209	132	87.8	36.5	25.3	13.8	7.28
1.80V	324	244	200	128	86.7	36.3	25.1	13.5	7.15
1.85V	246	201	173	118	85.7	36.2	24.9	13.3	6.72

Constant power discharge ratings-watts at 20°C

F.V/Time	5min	10min	15min	30min	1h	3h	5h	10h	20h
1.60V	779	537	419	267	176	70.7	50.8	28.6	14.9
1.67V	738	531	414	262	170	70.4	50.6	28.2	14.8
1.70V	690	517	408	255	165	70.2	50.4	28.0	14.7
1.75V	643	483	383	248	164	69.7	50.2	27.5	14.5
1.80V	576	450	360	242	161	68.7	49.4	27.0	14.3
1.85V	462	373	315	221	159	68.4	48.7	26.5	13.4