

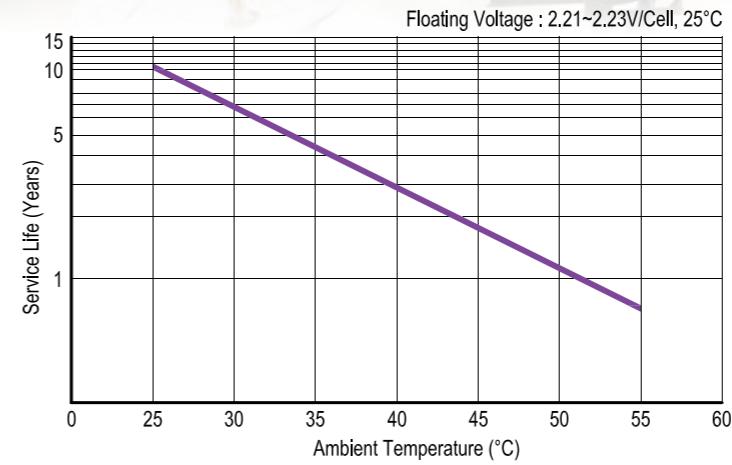
PNB SERIES

AGM, VRLA for UPS, Telecommunication

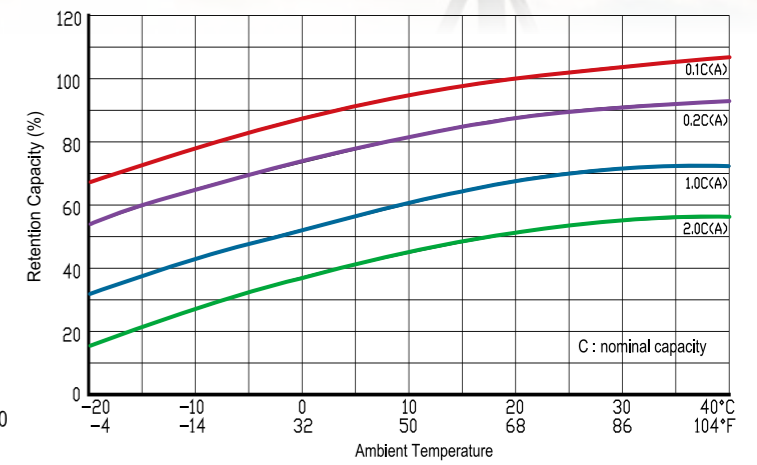
PNB Series is AGM and VRLA type batteries available in various capacities and dimensions which can be installed in any direction. The sealed structure is possible due to technology that prevents over pressuring from excess gas formation. This series can be used for UPS, telecommunications, lighting systems and more.



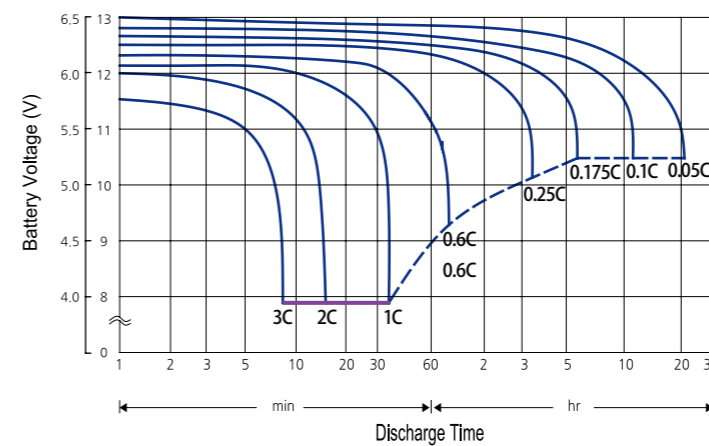
Floating Life Characteristic



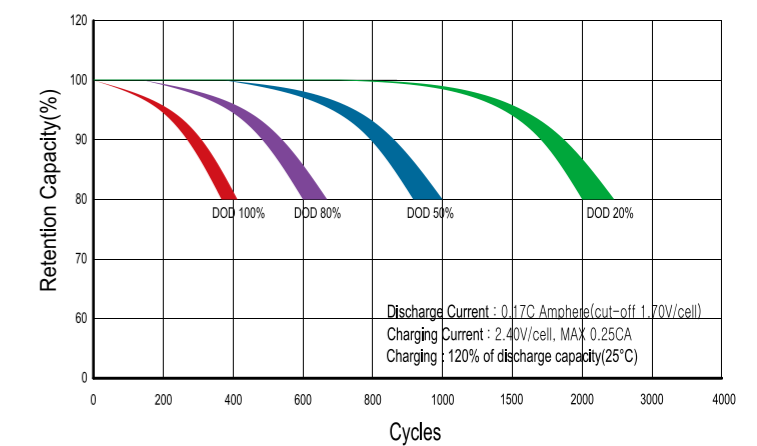
Effect of temperature on capacity



Discharge Time Vs Current



Cycle Life Characteristic



MaxPress™ Grid Technology

Patent pending grid compressing technology which increases the density of the lead grain of the grids. The grain density is typically 400% greater than that of the conventional casting method. This up-to-date grid technology enables our batteries to survive even the toughest deep discharge and PSoC applications.



FlexSealing™ Anti Explosion Filter

Patent pending proprietary cap filtering and sealing technology. Battery cell caps are sealed simultaneously using specially designed o-rings and explosion filters to prevent leakage and gassing more effectively than ever before.



ActiveCarbon™

In every Newmax battery, proprietary micro carbon additive is used in the active material for both positive and negative plates to enhance charge acceptance and cycle endurance. ActiveCarbon™ works to strengthen charge pathways to improve performance consistency and enhance performance at partial state of charge (PSoC) environment.



Highly Resistive Heat Protection Case

Specially formulated heat and flame resistant polypropylene case material is used to effectively block ambient heat thus preventing heat related malfunctions such as thermal runaway. This proprietary high rigidity case material has heat deflection rating of 140°C and complies to RoHS Compliant EU Directive 2002/95/EC. Additional UL94-V0 protection option also available.

12 Voltage PNB Series Battery Range Specifications

Battery Type	Nominal Voltage	Capacity(AH)				Dimension				Approx. Weight		Terminal type					
		20HR	10HR	5HR	1HR	Length	Width	Height	T.Height	(Lb)	(kg)	(S)	(O)				
		Final V.P.C				(mm)	(inch)	(mm)	(inch)	(mm)	(inch)						
		(1.80)	(1.80)	(1.70)	(1.60)												
PNB 12400	12	42	40	36	26	197	7.76	166	6.54	170	6.69	170	6.69	28.9	13.1	D	K
PNB 12650	12	68	65	59	42	325	12.80	166	6.54	175	6.89	175	6.89	46.5	21.1	E	M
PNB 12700	12	72	68	65	45	350	13.78	166	6.54	175	6.89	175	6.89	50.7	23.0	E	M
PNB 12800	12	90	83	76	55	371	14.61	174	6.85	205	8.07	219	8.62	60.6	26.6	N	
PNB 121000	12	100	93	84	61	371	14.61	174	6.85	205	8.07	219	8.62	66.1	30.2	N	
PNB 121200	12	120	100	82	66	371	14.61	174	6.85	205	8.07	219	8.62	71.7	32.5	N	
PNB 121500	12	150	139	126	91	524	20.63	241	9.49	215	8.46	221	8.70	93.9	42.0	N	
PNB 122000	12	200	185	168	122	524	20.63	241	9.49	215	8.46	221	8.70	125.7	56.7	N	
PNB 122200	12	220	200	182	131	524	20.63	241	9.49	215	8.46	221	8.70	130.1	60.0	N	