

NPC12V85AH 12V85AH

VRLA BATTERY

POWER AGM BATTERY

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



ISO 9001

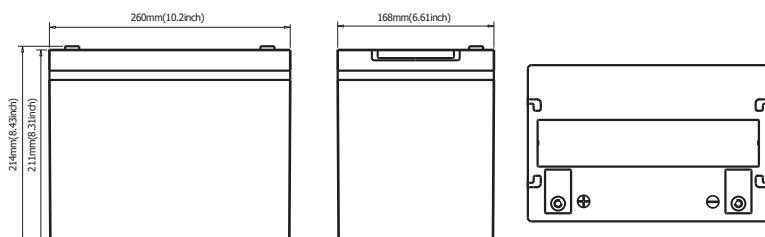


ISO 14001

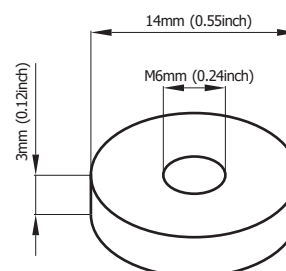


CE

Battery Dimensions

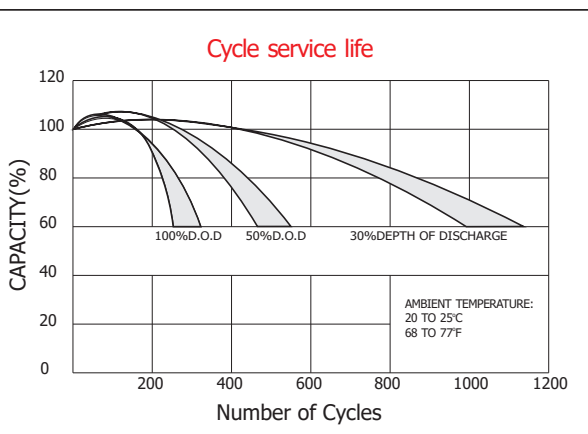
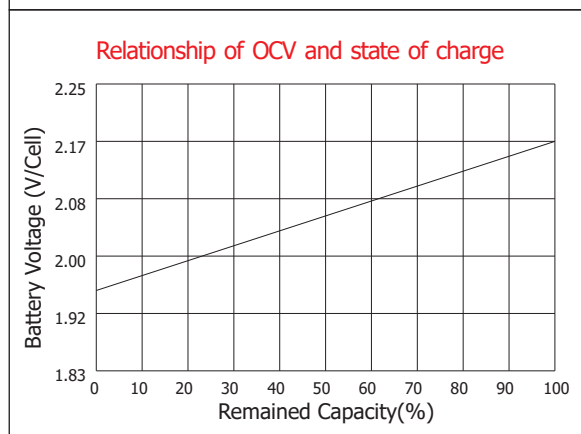
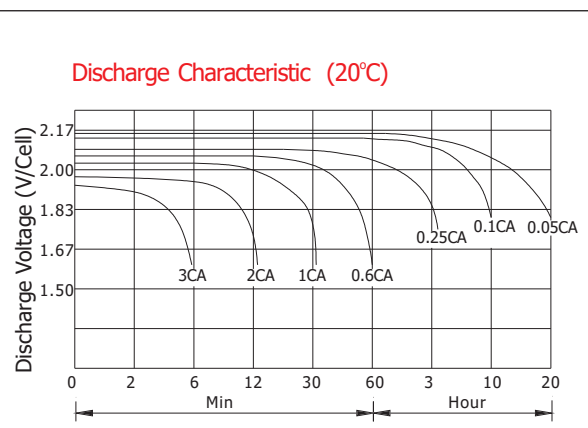
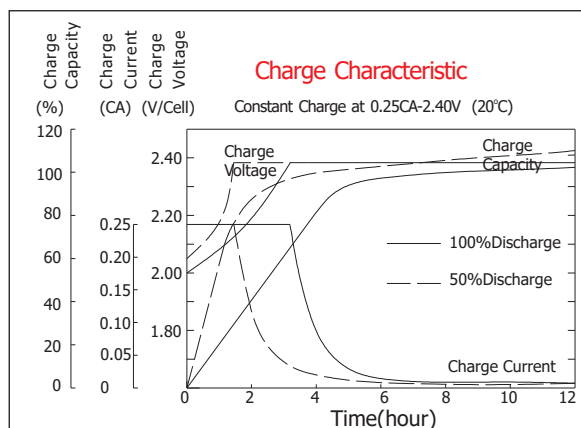


Terminal Dimensions



Technical Specifications

Battery Model	NPC12V85AH			
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	26Kg (57.2 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