

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

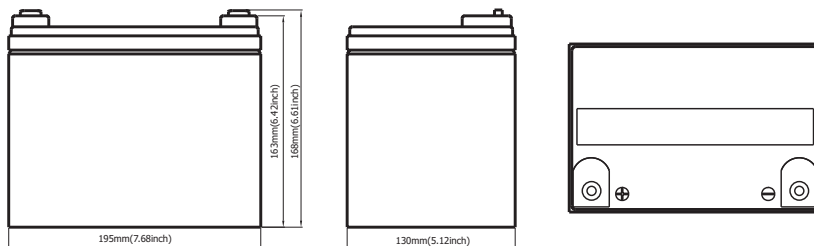


ISO 14001

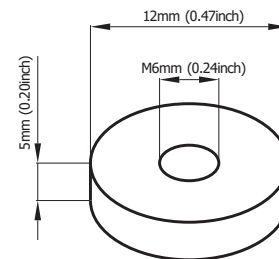


CE

Battery Dimensions

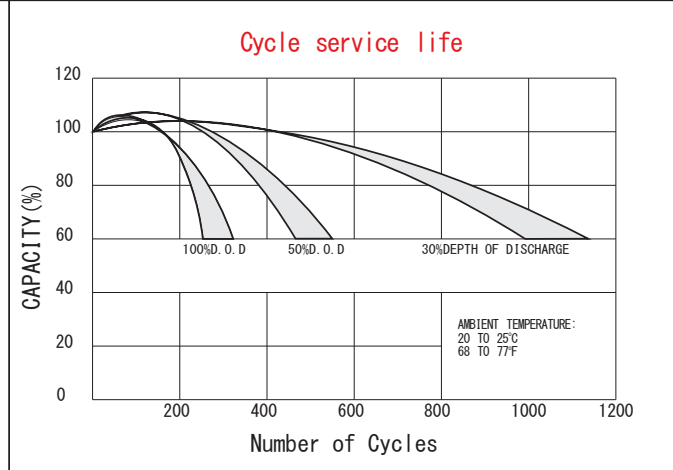
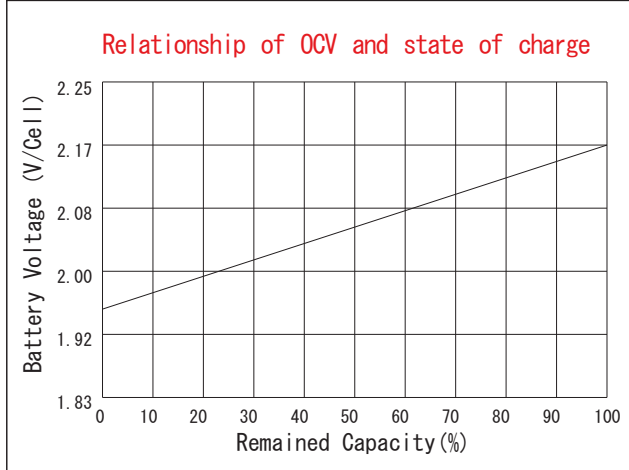
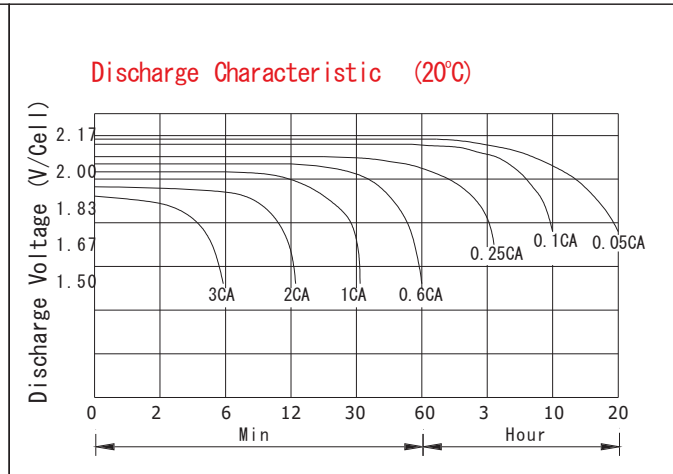
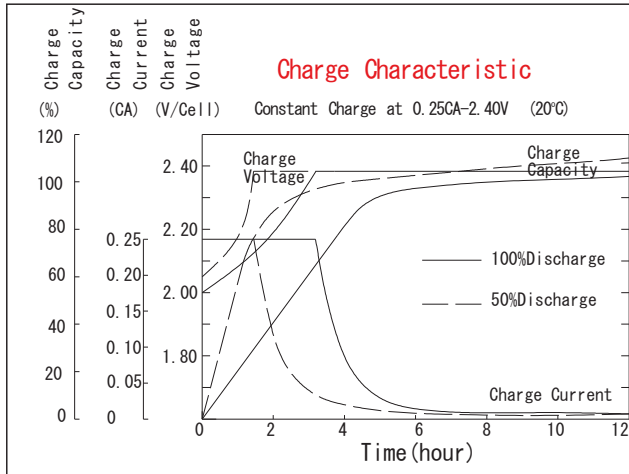


Terminal Dimensions



Technical Specifications

Battery Model	NPC12-38			
Designed Floating Life	12 Years			
Capacity(20°C)	20HR(2.0A,1.80V)	10HR(3.8A,1.80V)	5HR(6.50A,1.75V)	1HR(24.7A,1.60V)
	40Ah	38Ah	32.5Ah	24.7Ah
Dimensions	Length	Width	Height	Total Height
	195mm(7.68inch)	130mm(5.12inch)	163mm(6.42inch)	168mm(6.61inch)
Approx. Weight	11.5Kg (25.3 lbs)			
Internal Resistance	Full charged at 20°C: 0.0095 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: 10A		13.6-13.8V(-18mV/ °C)	



Constant current discharge ratings—amperes at 20°C

F.V/Time	5min	15min	30min	1h	3h	4h	5h	10h	20h
1.60V	133	66.5	39.9	24.7	10.9	7.67	6.56	4.03	2.14
1.67V	120	64.6	38.8	24.1	10.7	7.63	6.53	3.97	2.11
1.70V	114	62.3	38.0	23.7	10.6	7.60	6.51	3.94	2.09
1.75V	101	58.9	37.2	23.5	10.5	7.57	6.50	3.87	2.04
1.80V	91.2	56.2	36.1	23.2	10.2	7.52	6.40	3.80	2.00
1.85V	69.2	48.6	33.2	22.9	10.2	7.48	6.35	3.74	1.89

Constant power discharge ratings—watts at 20°C

F.V/Time	5min	15min	30min	1h	3h	4h	5h	10h	20h
1.60V	219	118	75.2	49.4	20.7	14.6	14.3	8.06	4.04
1.67V	208	117	73.7	47.8	20.2	14.4	14.1	7.94	4.01
1.70V	194	115	71.8	46.5	19.9	14.3	13.9	7.88	3.99
1.75V	181	108	69.9	46.1	19.6	14.3	13.7	7.74	3.97
1.80V	162	101	68.0	45.3	19.3	14.1	13.5	7.61	3.83
1.85V	130	88.5	62.3	44.9	19.3	13.9	13.3	7.47	3.60