

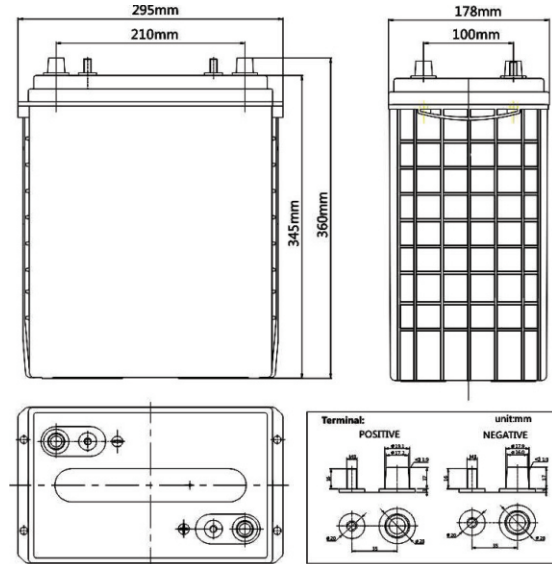


PRODUCT CODE :: NPC320-6

Product Image



Product Dimensions



Characteristics

Nominal Voltage		6V
Nominal Capacity (20 hour rate)		320Ah
Capacity 25°C(77°F)	10 hour rate (29.7A)	297Ah
	5 hour rate (52.5A)	262.5Ah
	1 hour rate (183.3A)	183.3Ah
Internal Resistance	Full Charged Battery 25°C	≤1.8m Ω
Capacity affected by Temperature (10 hour)	40°C (104°F)	102%
	25°C (77°F)	100%
	0°C (32°F)	85%
	-15°C (5°F)	65%
Self-Discharge 25°C(77°F) Capacity	after 3 month storage	90%
	after 6 month storage	80%
	after 12 month storage	62%
Charge (Constant Voltage) 25°C (77°F)	Float	Initial Charging Current Less than 66A Voltage 6.8-6.9V
	Cycle	Initial Charging Current Less than 66A Voltage 7.2-7.45V

Packaging

Battery Dimensions	Length	295mm
	Width	178mm
	Height	345mm
	Total Height	360mm
Box Dimensions	Length	410mm
	Width	194mm
	Height	410mm
Quantity Per Box		1 PC per box
Net weight Per Cell		47.5 kg±3%
Net weight Per Box		47.5kg
Gross Weight		48.1kg

Discharge Constant Current per Cell (Amperes at 77°F25°C)

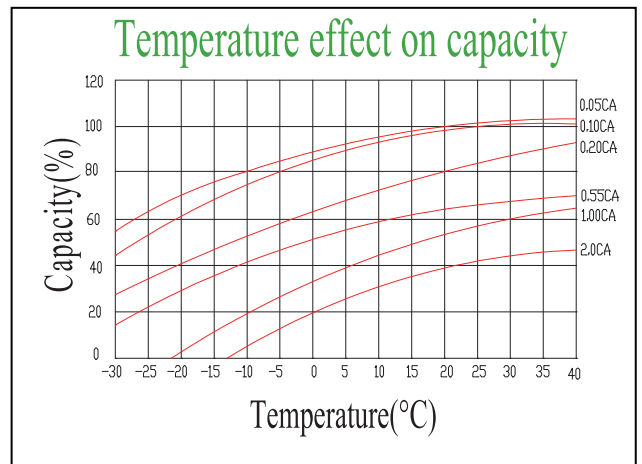
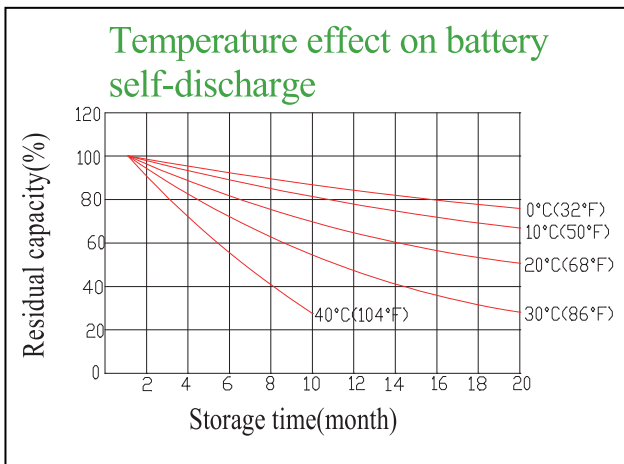
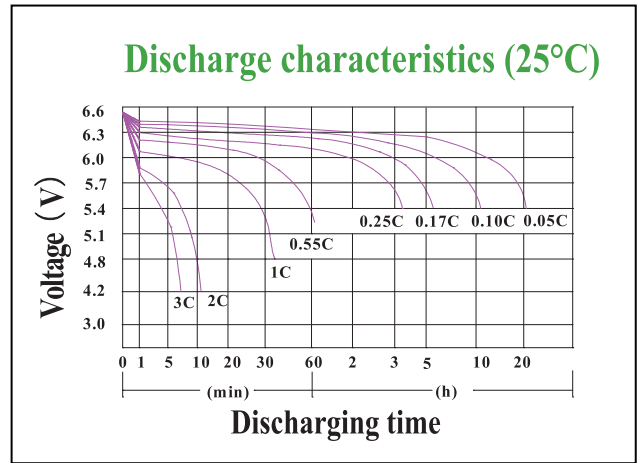
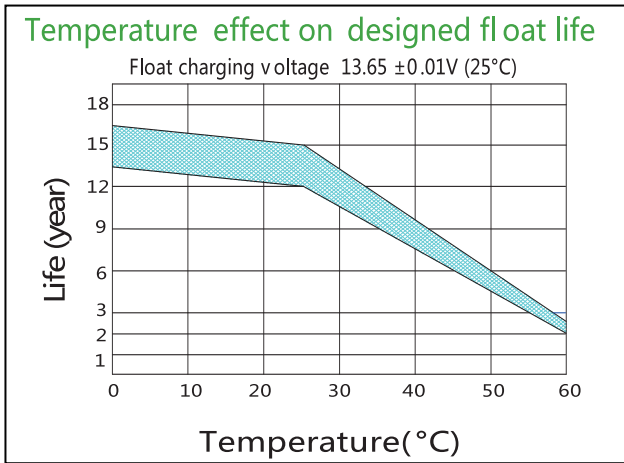
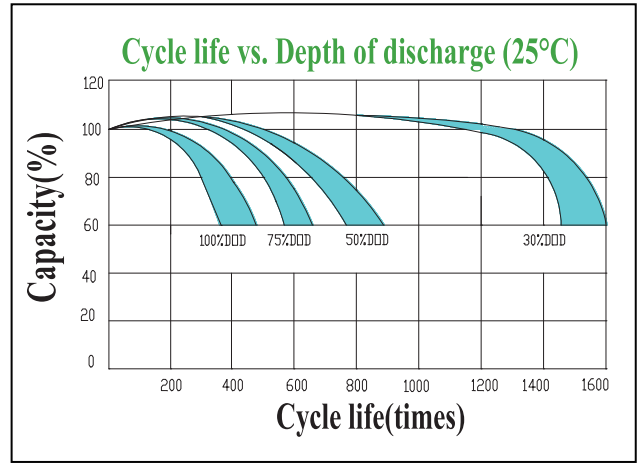
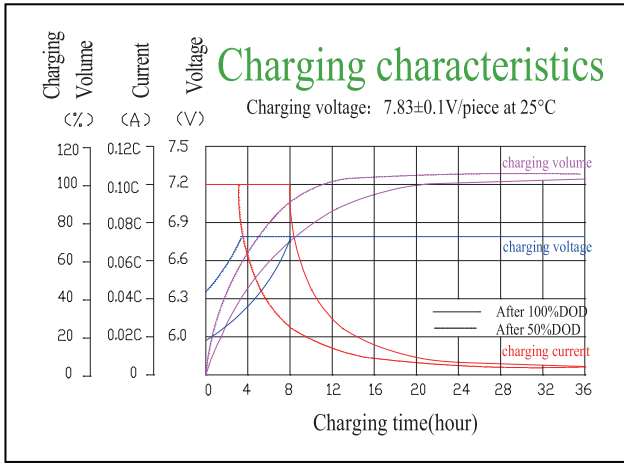
F.V/Time	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h	24h	100h
1.60V	424.7	270.4	199.7	183.3	116.3	81.7	55.5	36.7	32.7	17.7	17.3	3.96
1.65V	417.0	265.5	196.0	180.0	114.2	80.2	54.5	36.0	32.1	17.3	17.0	3.88
1.70V	409.3	260.6	192.4	176.6	112.1	78.7	53.5	35.3	31.5	17.0	16.7	3.81
1.75V	401.5	255.7	188.8	173.3	110.0	77.2	52.5	34.7	30.9	16.7	16.3	3.74
1.80V	386.1	245.9	181.5	166.7	105.8	74.3	50.5	33.3	29.7	16.0	16.2	3.66

Discharge Constant Power per Cell (Watts at 77°F 25°C)

F.V/Time	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h	24h	100h
1.60V	817.6	520.6	384.3	352.9	224.0	157.2	106.9	70.6	62.9	34.0	33.3	7.62
1.65V	802.7	511.1	377.3	346.5	219.9	154.4	105.0	69.3	61.7	33.4	32.7	7.47
1.70V	787.8	501.7	370.4	340.0	215.8	151.5	103.0	68.0	60.6	32.7	32.1	7.33
1.75V	773.0	492.2	363.4	333.6	211.7	148.6	101.1	66.7	59.5	32.1	31.4	7.19
1.80V	743.2	473.3	349.4	320.8	203.6	142.9	97.2	64.2	57.2	31.8	31.1	7.05



Performance Characteristics



Battery Construction

Component	Positive plate	Negative plate	Container	Cover	Safety valve	Terminal	Separator	Electrolyte
Raw material	Lead dioxide	Lead	ABS	ABS	Si-Rubber	Copper	Fiberglass	Sulfuric acid