

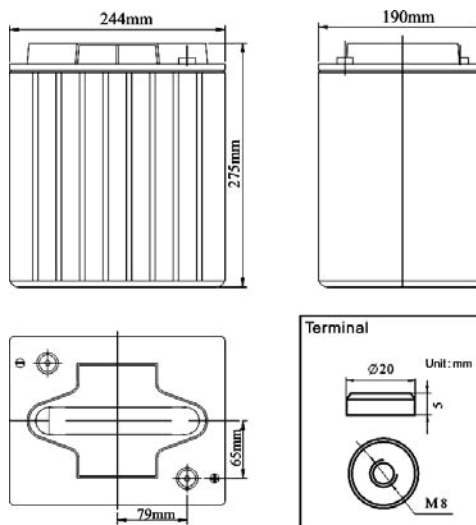
NPC6V250AHSP

VRLA BATTERY

POWER AGM BATTERY



Product Dimensions



Characteristics

Nominal Voltage		6V
Nominal Capacity (20 hour rate)		250Ah
Capacity 25°C (77°F)	10 hour rate (20.3A)	216Ah
	5 hour rate (35.8A)	179Ah
	1 hour rate (124.7A)	124.7Ah
Internal Resistance	Full Charged Battery 25°C	≤2.7m 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 45A Voltage 6.8-6.9V
	Cycle	Initial Charging Current Less than 45A Voltage 7.2-7.45V

Packaging

Battery Dimensions	Length	244mm
	Width	190mm
	Height	275mm
	Total Height	275mm
Box Dimensions	Length	258mm
	Width	201mm
	Height	335mm
Quantity Per Box		1 PC per box
Net weight Per Cell		33.0 kg±200g
Net weight Per Box		33.0kg
Gross Weight		33.5kg

Discharge Constant Current per Cell (Amperes at 77°F 25°C)

F.V/Time	5min	10min	15min	30min	1h	3h	5h	10h	20h
1.60V	570	363	309	197	133	59.5	40.4	23.8	13.2
1.65V	560	357	303	194	131	58.4	39.7	23.3	13.0
1.70V	549	350	298	190	128	57.3	38.9	22.9	12.8
1.75V	539	344	292	186	126	56.2	38.2	22.5	12.6
1.80V	518	330	281	179	121	54.0	36.8	21.6	12.5

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

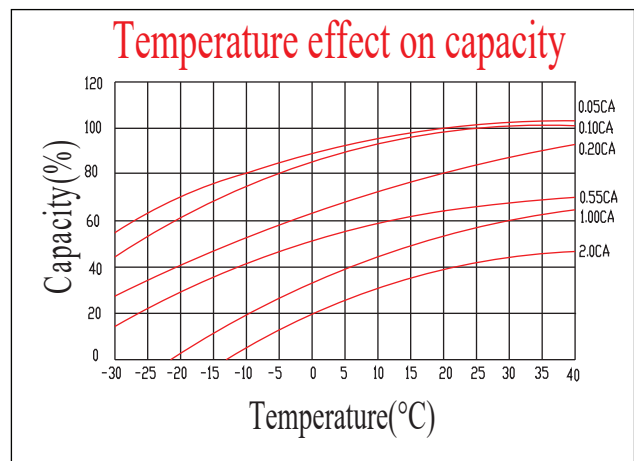
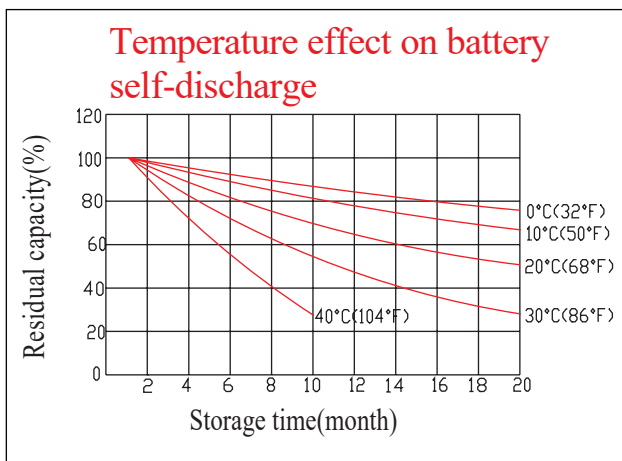
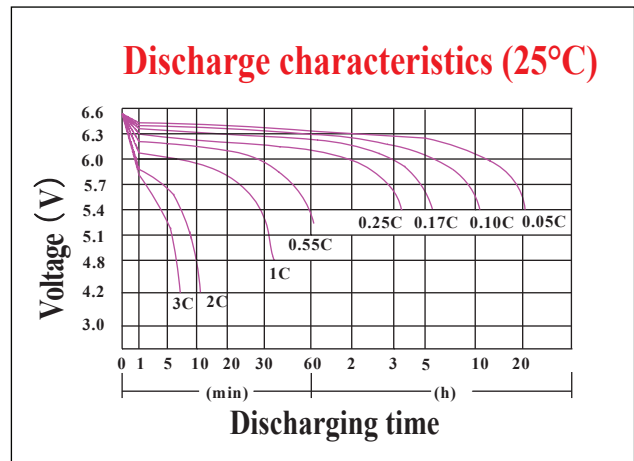
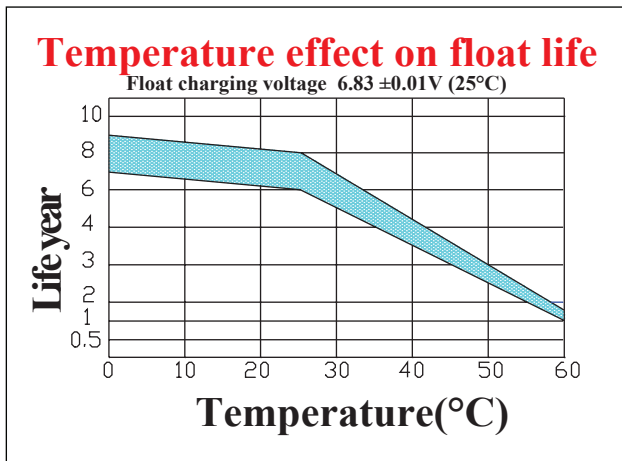
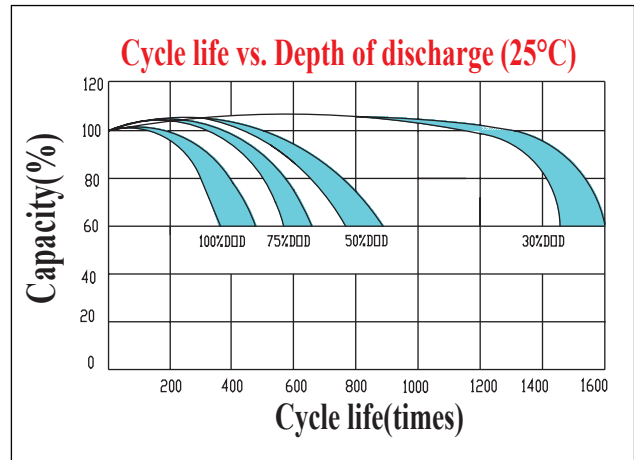
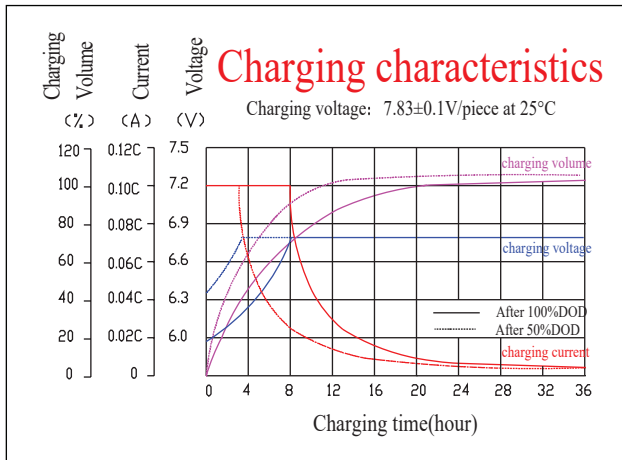
F.V/Time	5min	10min	15min	30min	1h	3h	5h	10h	20h
1.60V	1098	700	595	380	256	114	78	45.7	25.3
1.65V	1078	687	584	373	251	112	76	45.7	25.0
1.70V	1058	674	573	366	247	110	75	44.1	24.4
1.75V	1038	662	562	359	242	108	74	43.2	24.0
1.80V	998	636	541	345	233	104	71	41.6	23.1

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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