

NTT2-500

Characteristics

Nominal Capacity (10 hour rate)		500Ah
Capacity 25°C (77°F)	10 hour rate (50A)	500Ah
	3 hour rate (125A)	375Ah
	1 hour rate (275A)	275Ah
Internal Resistance	Full Charged Battery 25°C (77°F)	0.42 m Ω
Cyclic Life	50%(C ₁₀) Depth of discharge	600Times
Float Life	25°C (77°F) Float charge at 13.8V	About 10 Years
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%
	Capacity after 6 month storage	80%
	Capacity after 12 month storage	62%
Charge (Constant Voltage) 25°C (77°F)	Cycle	Initial Charging Current Less than 150A Voltage 2.43-2.50V
	Float	Voltage 2.25-2.30V

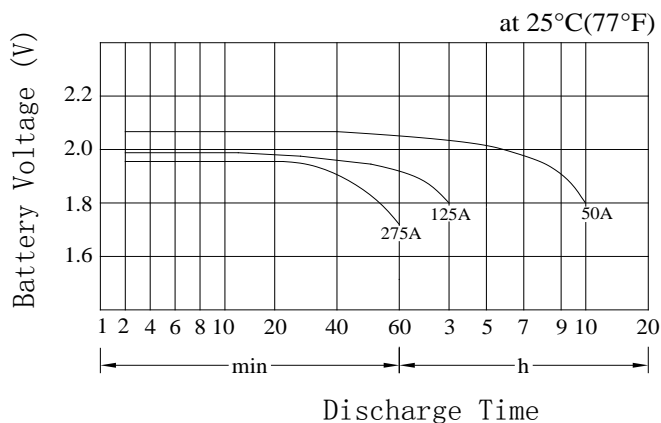
Product Image



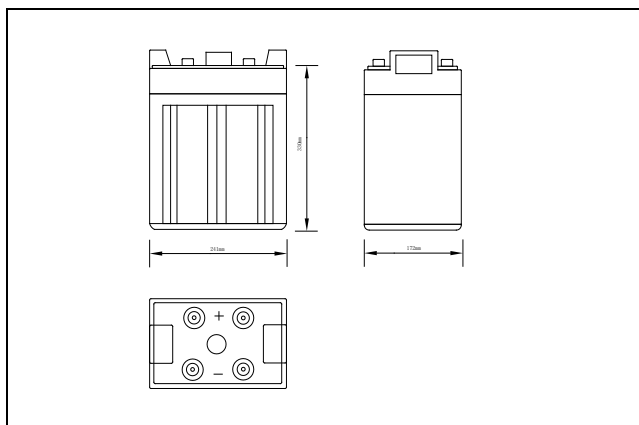
Packing

Battery (L×W×H)	mm ± 2	241×172×330
	inch	9.49×6.77×13.0
Box (L×W×H)	mm ± 2	
	inch	
Quantity Per Box		1 PCS
Net weight Per Cell		29 Kg ± 200g
Net weight Per Box		29Kg
Gross Weight		29.5 Kg

Discharge Curve



Product Dimensions



Battery Construction

Component	Positive plate	Negative plate	Container	Safety valve	Terminal	Separator	Electrolyte
Raw Material	Lead dioxide	Lead	ABS	Rubber	Pb	Fiberglass	Sulfuric acid

Discharge Characteristics

Voltage	Run Time (Constant Current and Power 25°C 77° F)					
	1h	2h	3h	5h	8h	10h
1.60V	625	375	273	182	118	102
1.70V	605	365	270	178	112	102
1.75V	595	355	265	173	112	97
1.80V	575	345	258	172	110	95