

NT12-33

Characteristics

Nominal Voltage		12V
Nominal Capacity (10 hour rate)		33Ah
Capacity 25°C(77°F)	10 hour rate (3.3A)	33Ah
	3 hour rate (8.25A)	24.75Ah
	1 hour rate (18.15A)	18.15Ah
Internal Resistance	Full Charged Battery 25°C(77°F)	≤15mΩ
Cyclic Life	50%(C ₁₀) Depth of discharge	700Times
Float Life	25°C(77°F) Float charge at 13.8V	about 5 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 9.9A Voltage 14.6-15.0V
	Float	Voltage 13.5-13.8V

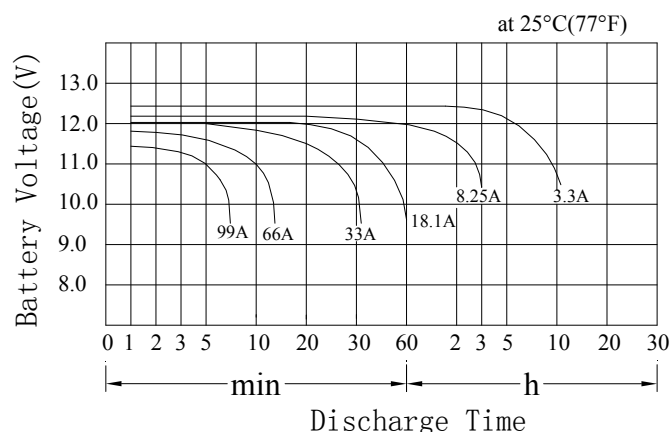
Product Image



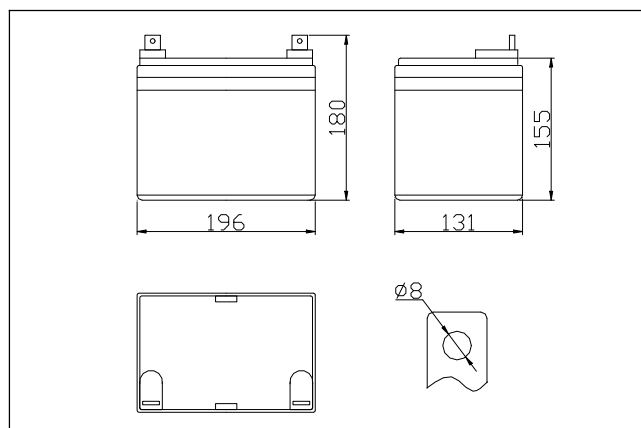
Packing

Battery (L×W×H×HT)	mm	196×131×155×180
	inch	7.72×5.16×6.11×7.09
Box (L×W×H)	mm	208×143×200
	inch	8.19×5.63×7.88
Quantity Per Box		1 PC
Net weight Per Cell		10.0 KG±100G
Net weight Per Box		10.0 KG
Gross Weight		10.3 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)										
	3 min	5 min	15 min	30 min	45 min	1h	2h	3h	5h	8h	10h
9.6 V	1442	1254	710	455	340	246	139	104	69.3	46.2	40.9
10.2V	1386	1073	637	406	327	243	134	102	68.6	45.5	40.6
10.5V	1271	1016	601	370	320	239	129	101	67.7	44.9	39.9
10.8V	1162	967	521	330	310	234	125	95.7	64.4	44.6	39.6