

NTF12-100

Characteristics

Nominal Voltage		12V
Nominal Capacity (10 hour rate)		105Ah
Capacity 25°C(77°F)	10 hour rate (10.5A)	105Ah
	3 hour rate (26.3A)	78.8Ah
	1 hour rate (57.8A)	57.8Ah
Internal Resistance	Full Charged Battery 25°C(77°F)	≤8mΩ
Cyclic Life	50%(C ₁₀) Depth of discharge	600Times
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 31.5A Voltage 14.6-15.0V
	Float	Voltage 13.5-13.8V

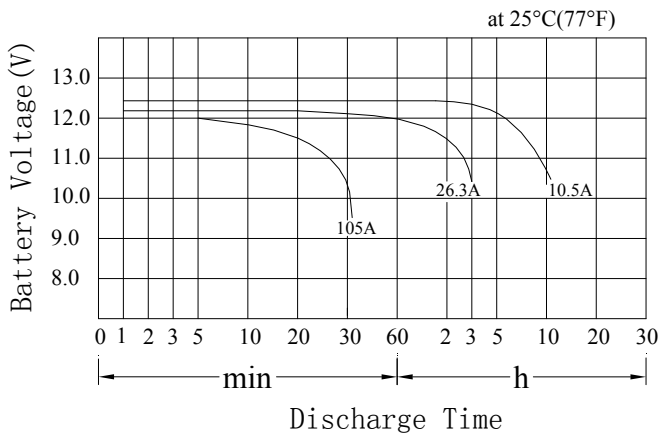
Product Image



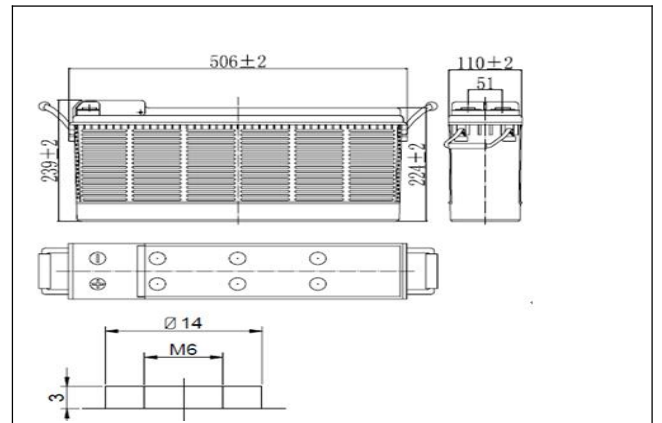
Parking

Battery (L×W×H)	mm ± 1	506×110×239
	inch	19.9×4.33×9.4
Box (L×W×H)	mm ± 2	
	inch	
Quantity Per Box		1 PCS
Net weight Per Cell		31.5Kg ± 100g
Net weight Per Box		31.5 Kg
Gross Weight		32.0Kg

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	4589	3990	2258	1449	1082	783	441	331	221	147	130
10.2V	4410	3413	2027	1292	1040	773	426	326	218	145	130
10.5V	4043	3234	1911	1176	1019	760	410	321	216	143	127
10.8V	5280	3077	1659	1050	987	746	399	305	205	142	126