

# NTF12-180

## Characteristics

Nominal Voltage		12V
Nominal Capacity (8 hour rate)		180Ah
Capacity 25°C(77°F)	20 hour rate (10A)	200Ah
	10hour rate (18.8A)	188Ah
	1 hour rate (125A)	125Ah
Internal Resistance	Full Charged Battery 25°C(77°F)	≤4mΩ
Cyclic Life	50%(C <sub>10</sub> ) 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 54A Voltage 14.6-15.0V
	Float	Voltage 13.5-13.8V

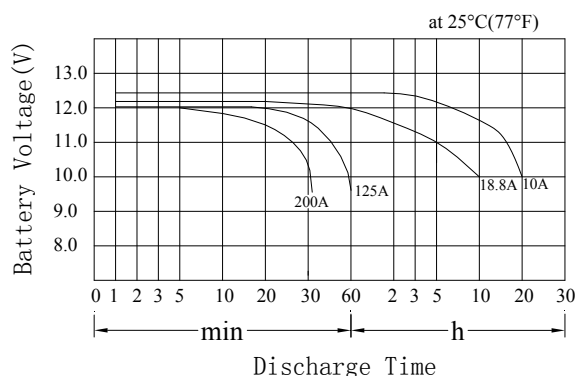
## Product Image



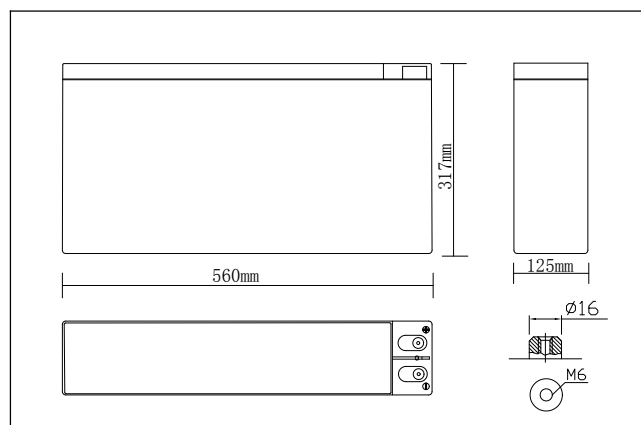
## Parking

Battery (L×W×H)	mm ± 1	560×126×317
	inch	22.1×49.6×12.5
Box (L×W×H)	mm ± 2	584×150×390
	inch	23.0×5.9×15.4
Quantity Per Box		1 PCS
Net weight Per Cell		56 Kg ± 200g
Net weight Per Box		56.0 Kg
Gross Weight		56.6 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	7866	6840	3870	2484	1854	1343	756	567	378	252	223
10.2V	7560	5850	3474	2214	1782	1325	729	558	374	248	221
10.5V	6930	5544	3276	2016	1746	1303	702	549	369	245	218
10.8V	6336	5274	2844	1800	1692	1278	684	522	351	243	216