

NTF12-120

Characteristics

Nominal Voltage		12V
Nominal Capacity (10 hour rate)		120Ah
Capacity 25°C(77°F)	10 hour rate (12A)	120Ah
	3 hour rate (30A)	90Ah
	1 hour rate (66A)	66Ah
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 36A Voltage 14.6-15.0V
		Float

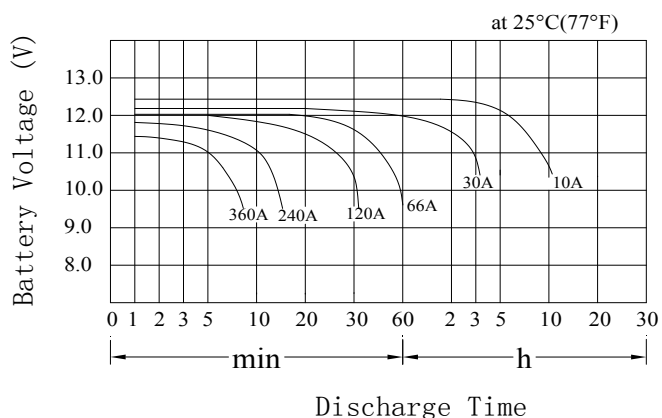
Product Image



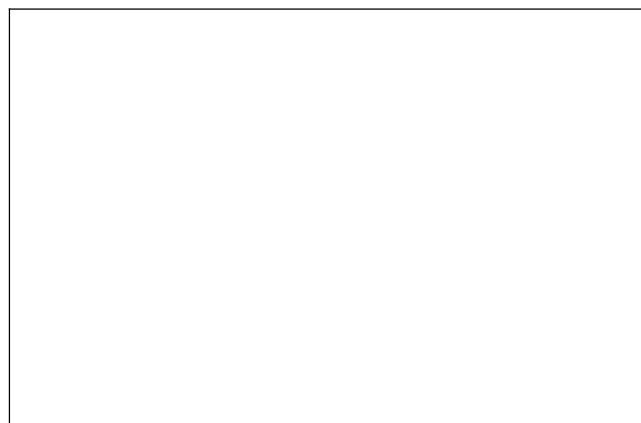
Parking

Battery (L×W×H)	mm ± 1	551×109×239
	inch	21.7×4.29×9.41
Box (L×W×H)	mm ± 2	
	inch	
Quantity Per Box		1 PCS
Net weight Per Cell		39 Kg ± 200
Net weight Per Box		39.0 Kg
Gross Weight		39.6 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	5244	4560	2580	1656	1236	895	504	378	252	168	149
10.2V	5040	3900	2316	1476	1188	883	486	372	250	166	148
10.5V	4620	3696	2184	1344	1164	869	468	366	246	163	145
10.8V	4224	3516	1896	1200	1128	852	456	348	234	162	144