

NT12-7.2

Characteristics

Nominal Voltage		12V
Nominal Capacity (20 hour rate)		7.2Ah
Capacity 25°C (77°F)	20 hour rate (0.36A)	7.2Ah
	10 hour rate (0.684A)	6.84Ah
	5 hour rate (1.152A)	5.76Ah
	1 hour rate (4.68A)	4.68Ah
Internal Resistance	Full Charged Battery 25°C (77°F)	≤30mΩ
Cyclic Life	50%(C ₂₀) Depth of discharge	600Times
Float Life	25°C (77°F) Float charge at 13.8V	About 3 Years
Capacity affected by Temperature (20 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)	Cycle	Initial Charging Current Less than 2.16A Voltage 14.6-15.0V
		25°C (77°F) Float

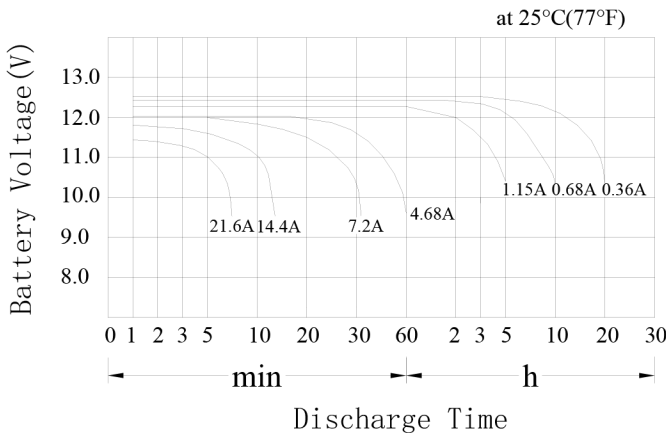
Product Image



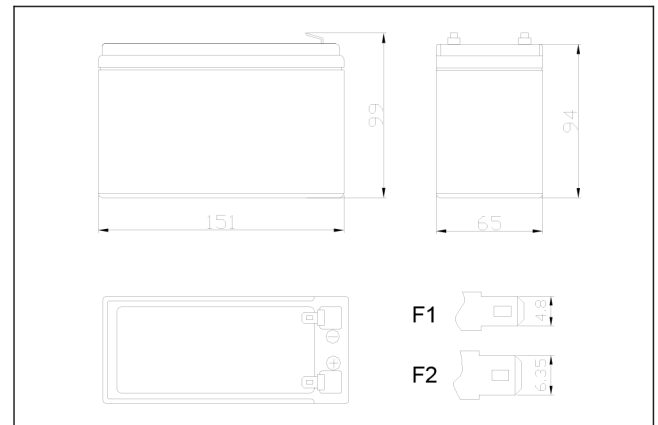
Packing

Battery (L×W×H)	mm ± 1	151×65×99
	inch	5.95×2.56×3.90
Box (L×W×H)	mm ± 2	320×284×122
	inch	12.6×11.2×4.81
Quantity Per Box		8 PCS
Net weight Per Cell		2.10 Kg ± 30g
Net weight Per Box		16.8Kg
Gross Weight		17.2Kg

Discharge Curve



Product Dimensions



Battery Construction

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

Discharge Characteristics

Voltage	Constant power discharge Characteristics (W) (25°C/77°F)											
	3 min	5 min	15 min	30 min	45 min	1h	2h	3h	5h	8h	10h	20h
9.6 V	311	275	159	96.5	67.3	53.9	29.0	21.1	14.3	9.43	7.85	4.28
10.2V	280	251	143	88.6	65.7	53.1	28.6	20.9	14.2	9.43	7.85	4.28
10.5V	233	220	135	83.5	64.9	52.3	28.2	20.6	14.2	9.29	7.78	4.19
10.8V	217	197	127	72.0	64.0	51.4	27.4	20.0	14.0	9.29	7.63	4.10