

JST12-26

Characteristics

Nominal Voltage		12V
Nominal Capacity (20 hour rate)		26Ah
Capacity 25°C (77°F)	20 hour rate (1.3A)	26Ah
	10 hour rate (2.47A)	24.7Ah
	5 hour rate (4.16A)	20.8Ah
	1 hour rate (16.9A)	16.9Ah
Internal Resistance	Full Charged Battery 25°C (77°F)	≤20mΩ
Cyclic Life	50%(C ₂₀) Depth of discharge	900Times
Float Life	25°C (77°F) Float charge at 13.8V	About 10Years
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) 25°C (77°F)	Cycle	Initial Charging Current Less than 7.8A Voltage 14.6-15.0V
	Float	Voltage 13.5-13.8V

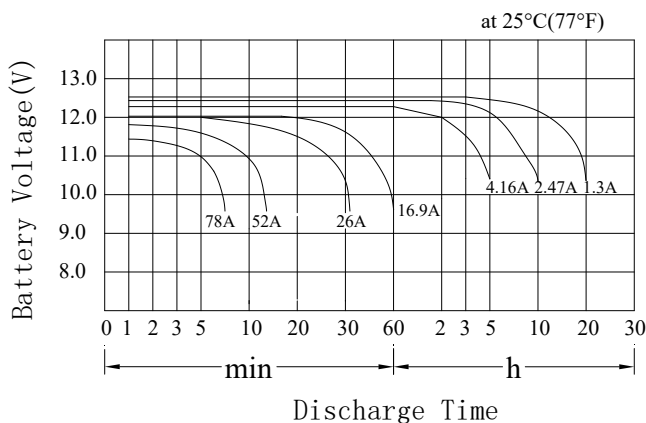
Product Image



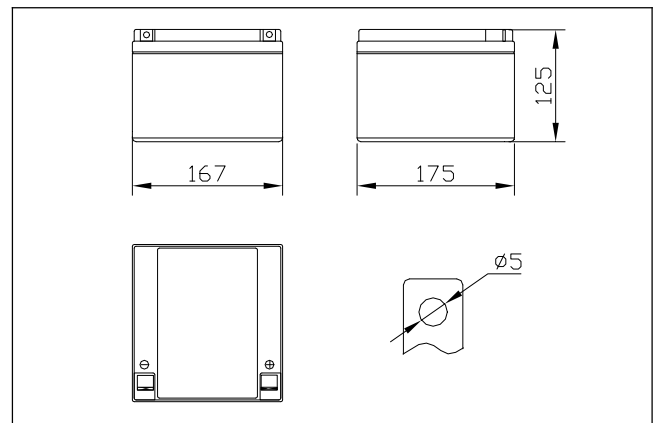
Packing

Battery (L×W×H)	mm ± 1	167×175×125
	inch	6.58×6.89×4.93
Box (L×W×H)	mm ± 2	190×177×142
	inch	7.48×6.97×5.60
Quantity Per Box		1 PCS
Net weight Per Cell		7.8 Kg ± 70g
Net weight Per Box		7.8 Kg
Gross Weight		8.0 Kg

Discharge Curve



Product Dimensions



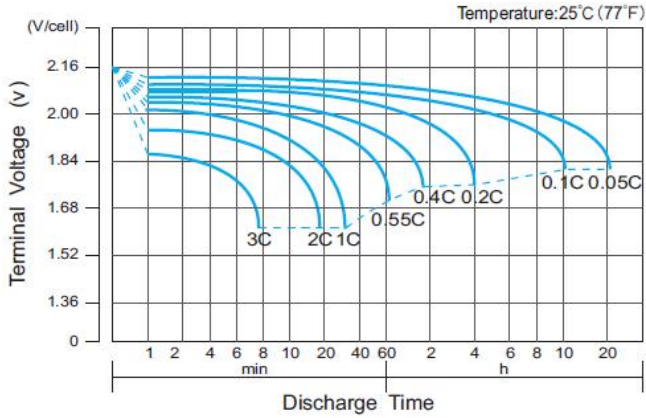
Battery Construction

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

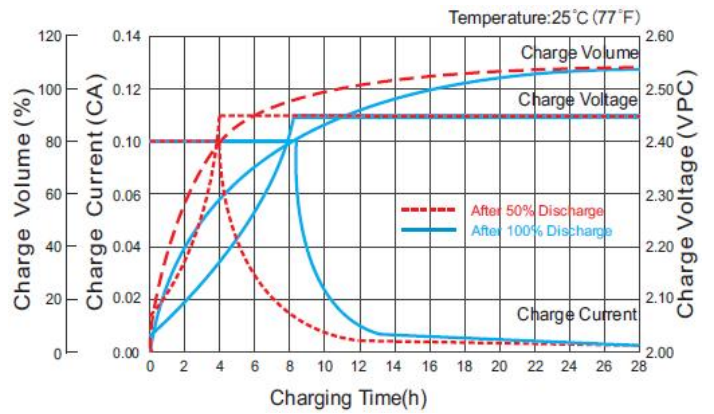
Discharge Characteristics

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	20h
9.6 V	1123	993	574	349	243	195	105	76.2	51.8	34.0	28.4	15.5
10.2V	1012	908	518	320	237	192	103	75.4	51.2	34.0	28.4	15.5
10.5V	843	795	489	301	234	189	102	74.3	51.2	33.6	28.1	15.2
10.8V	785	710	460	260	231	185	98.8	72.3	50.7	33.6	27.5	14.8

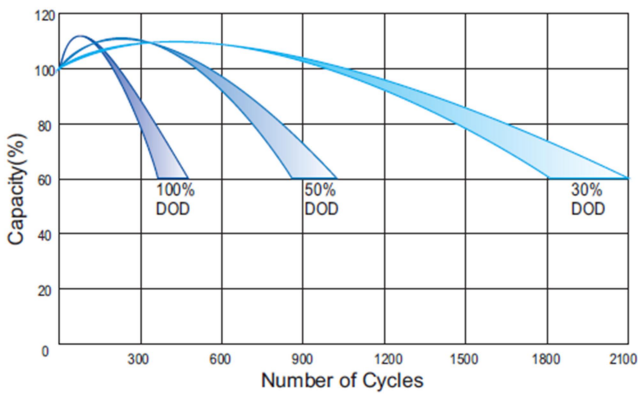
Discharge Characteristics Curve



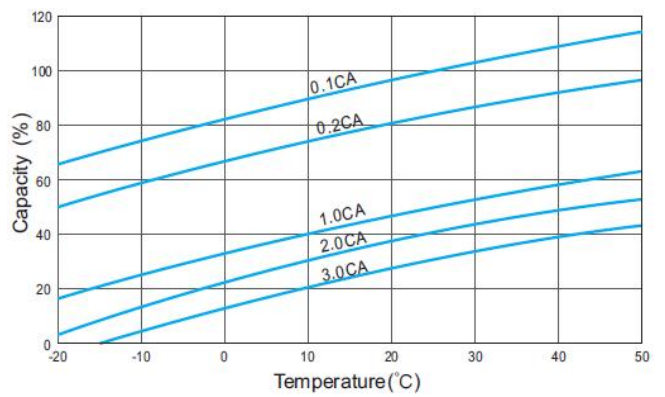
Charging Characteristics



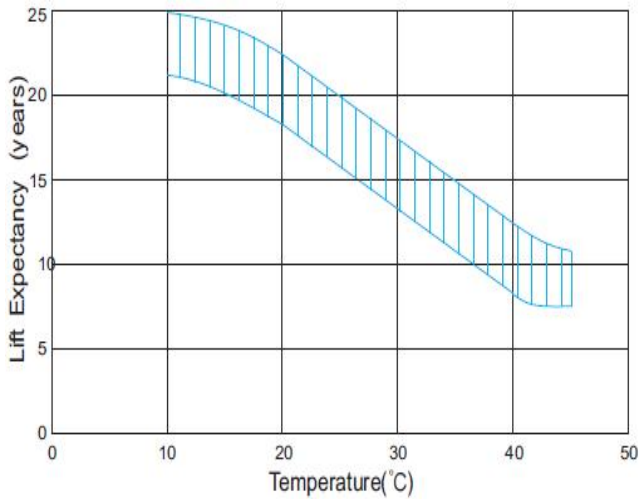
Cycle Life vs. Depth of Discharge (25°C)



Temperature Effects on Capacity



Effect of Temperature on Long Term Life



Storage Characteristics

