

JST12-65

Characteristics

Nominal Voltage		12V
Nominal Capacity (10 hour rate)		65Ah
Capacity 25°C(77°F)	10 hour rate (6.5A)	65Ah
	3 hour rate (16.2A)	48.6 Ah
	1 hour rate (35.8A)	35.8Ah
Internal Resistance	Full Charged Battery 25°C(77°F)	≤15m Ω
Cyclic Life	50%(C ₁₀) Depth of discharge	900Times
Float Life	25°C(77°F) Float charge at 13.8V	About 10Years
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 19.5A Voltage 14.6-15.0V
	Float	Voltage 13.5-13.8V

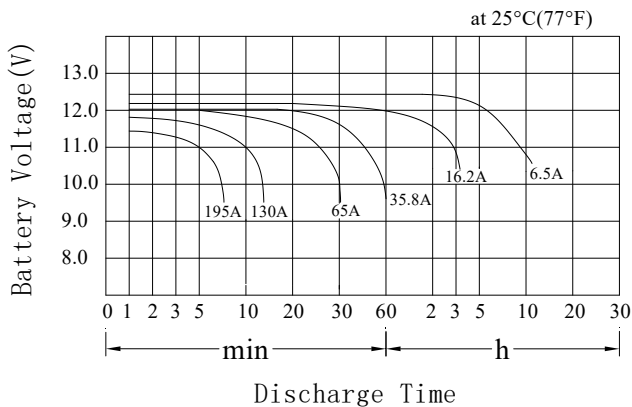
Product Image



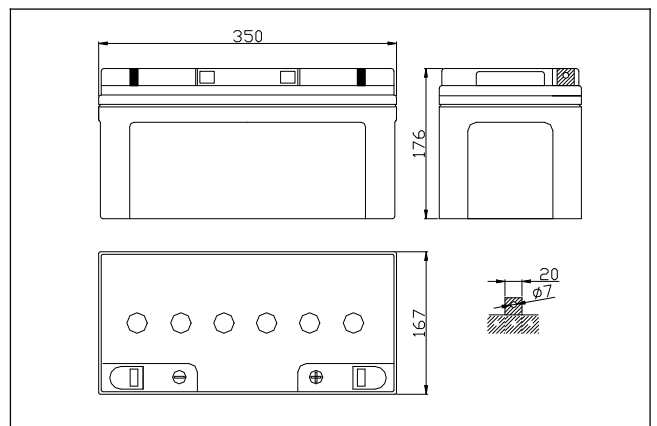
Parking

Battery (L×W×H)	mm ± 1	350×166×178
	inch	13.8×6.54×7.01
Box (L×W×H)	mm ± 2	372×192×225
	inch	14.7×7.56×8.86
Quantity Per Box		1 pcs
Net weight Per Cell		19kg ± 150g
Net weight Per Box		19kg
Gross Weight		19.5kg

Discharge Curve



Product Dimensions



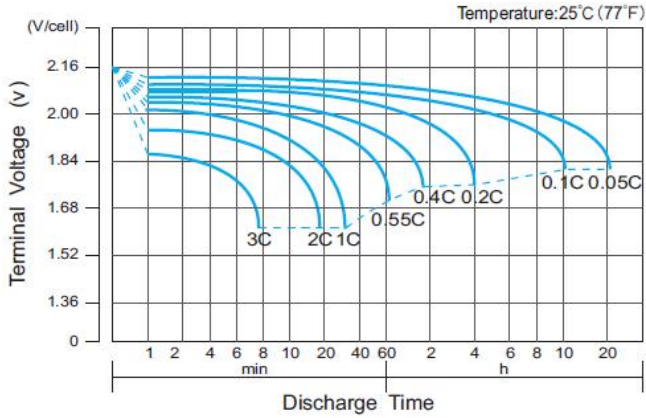
Battery Construction

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

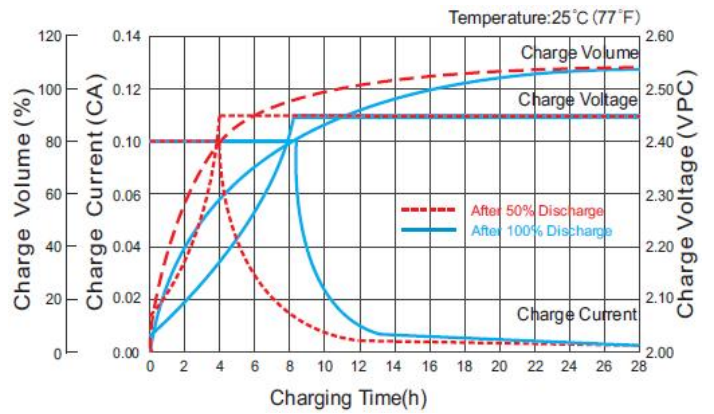
Discharge Characteristics

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	2841	2470	1398	897	670	485	273	205	137	91.0	80.6
10.2V	2730	2113	1255	800	644	478	263	202	135	89.7	80.0
10.5V	2503	2002	1183	728	631	471	254	198	133	88.4	78.7
10.8V	2288	1905	1027	650	611	462	247	189	127	87.8	78.0

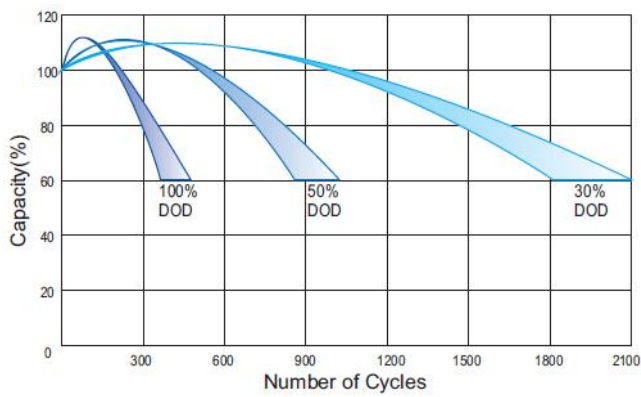
Discharge Characteristics Curve



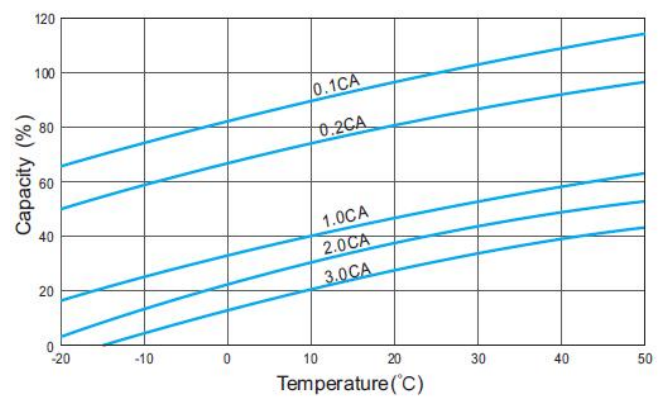
Charging Characteristics



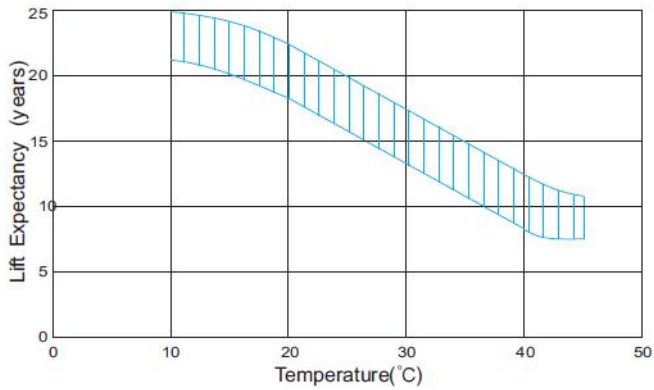
Cycle Life vs. Depth of Discharge (25°C)



Temperature Effects on Capacity



Effect of Temperature on Long Term Life



Storage Characteristics

