

JST6-4.5

Characteristics

Nominal Voltage		6V
Nominal Capacity (20 hour rate)		4.5Ah
Capacity 25°C(77°F)	20 hour rate (0.225A)	4.5Ah
	10 hour rate (0.427A)	4.27Ah
	5 hour rate (0.72A)	3.6Ah
	1 hour rate (2.93A)	2.93Ah
Internal Resistance	Full Charged Battery 25°C(77°F)	≤28m Ω
Cyclic Life	50%(C ₂₀) Depth of discharge	600Times
Float Life	25°C(77°F) Float charge at 6.9V	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) 25°C (77°F)	Cycle	Initial Charging Current Less than 1.35A Voltage 7.30-7.50V
	Float	Voltage 6.75-6.90V

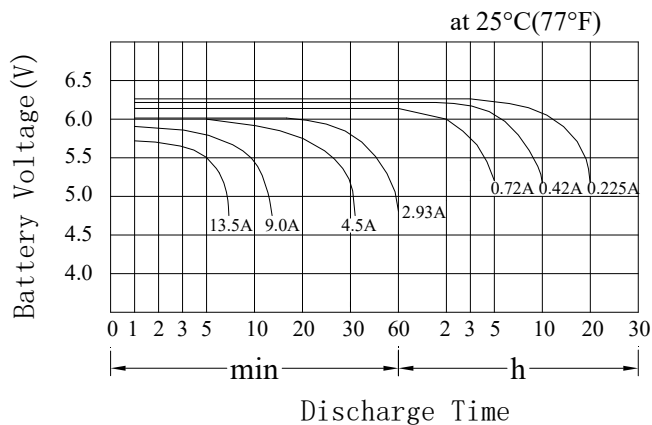
Product Image



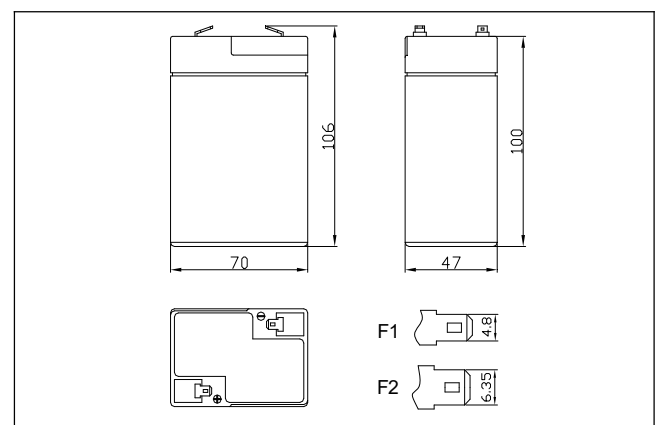
Packing

Battery (L×W×H)	mm	70×47×106
	inch	2.76×1.85×4.18
Box (L×W×H)	mm	310×266×126
	inch	12.2×10.5×4.96
Quantity Per Box		20 PCS
Net weight Per Cell		0.72 Kg ± 10g
Net weight Per Box		14.4 Kg
Gross Weight		14.8Kg

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
4.8 V	97.2	86.0	49.5	30.2	21.1	16.9	9.09	6.62	4.48	2.95	2.45	1.34
5.10V	87.8	78.8	44.8	27.7	20.5	16.6	8.96	6.53	4.43	2.95	2.45	1.34
5.25V	72.9	68.9	42.3	26.1	20.3	16.3	8.82	6.44	4.43	2.90	2.43	1.31
5.40V	68.0	61.7	39.8	22.5	20.0	16.1	8.55	6.26	4.39	2.90	2.39	1.28

