

JS12-4.5



Applications

- › UPS
- › Emergency lighting
- › Fire alarm and security systems
- › Telecommunication system
- › Backup power for testing and measuring instruments
- › Alarm and security system
- › Electronic apparatus and equipment
- › Communication power supply
- › DC power supply
- › Auto control system

General Features

- › Maintenance-free operation
- › Stable quality and high reliability
- › Compact design
- › 5 years design time (at 25°C)

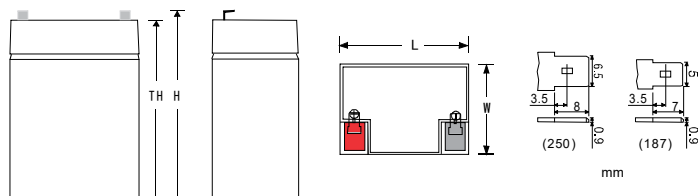
Specification

Nominal Voltage	12V	Nominal Capacity	4.5Ah
Internal Resistance	33mΩ	Max Continuous Discharge Current	13.5A
Charging Condition	Float(25°C)	Voltage Range	13.75v~13.8v
		Max Charging Current	0.675A
	Cycle(25°C)	Voltage Range	14.4v~14.8v
		Max Charging Current	0.9A
Design Life	Float(25°C)	25°C warranty	1 year
		25°C design life	5 year
	Cycle(25°C)	100% Discharge Depth	200 times
		50% Discharge Depth	400 times
30% Discharge Depth		750 times	
Self Discharge(25°C)	One month	4%	
	Two months	6%	
	Three months	9%	
battery weight	1.5KG		

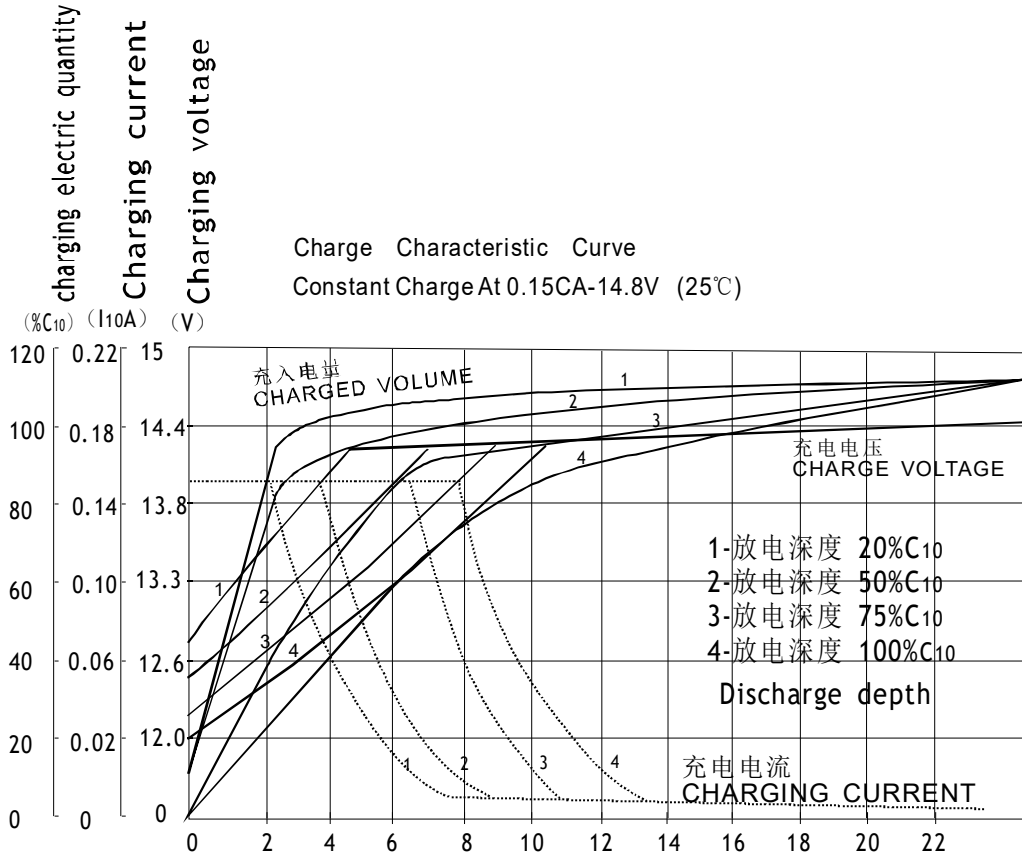
(25°C) Capacity	20 hour rate (0.225A)	20h30min (4.6125AH)
	10 hour rate (0.45A)	9h50min (4.42AH)
	5 hour rate (0.81A)	5h10min (4.18AH)
	3 hour rate (1.125A)	3h10min (3.56AH)
	1 hour rate (2.475A)	62min30S (2.57AH)
	27 min rate (4.5A)	32min30S (2.43AH)
	7 min rate (13.5A)	7min30S (1.68AH)



Dimension: 90(L)×70(W)×101(H)×108(TH) Unit: mm



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Discharge Characteristics Curve (25°C, 68°F)

