

free-maintenance battery Technology Specification

Customer _____

Part name **free-maintenance battery**

Model No **PK-670B (6V7.0Ah)**

Serial No _____

Produce No _____

Approved by		Drafted by	WenFei Liang
Checked by		Signed by	Xiaojun nie
Prepared by		Valid Date	2018-10-30

Company address: 4th Building, Meitai Technology Park, Guanguang Road, Longhua, Shenzhen, China.

(Tel) : +86-755-86670672

(Fax) : +86-755-86670609

E-mail: pkcell@pkcell.net pkcell@pkcell.com

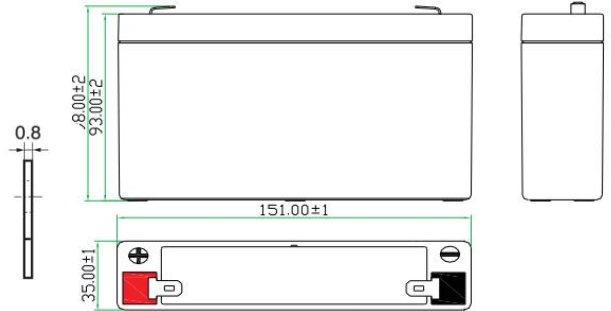
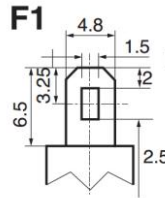
Website: <http://www.pkcell.net> <http://www.pkcell.com>

ADD: 4th Building, Meitai Technology Park, Guanguang Road, Longhua, Shenzhen, China. 518110

free-maintenance battery

PK-670B [6V7.0AH]

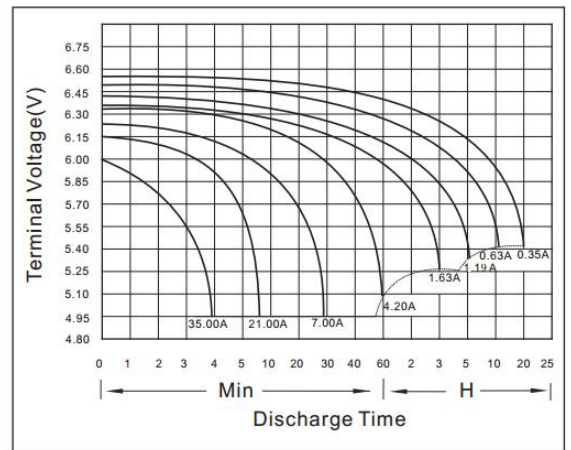
• Outer dimensions(mm)



Specification

Nominal voltage		6V	Rate Capacity (20 hour rate)	7.0AH
Dimensions ±1mm	Length	151mm 5.95 in	Weight Approx	1000g
	Width	35mm 1.38 in	Standard Terminal	F1
	Height	93mm 3.66 in.		
	Total Height (With Terminals)	98mm 3.86 in.	Optional Terminal	N/A

• Discharge Characteristics(25°C/77°F)



Electrical Specifications

Capacity 77° F(25°C)	20 hour rate(350mA)	7.0AH	Internal Resistance	20m Ω
	10 hour rate(630mA)	6.3AH		
	5 hour rate(1190mA)	5.9AH		
	1 hour rate(4200mA)	4.2AH		
Capacity Affected by Temperature (20hour rate)	104° F(40°C)	102%	Self-discharge 77 °F(25°C)	Capacity after 1 month storage 90%
	77° F(25°C)	100%		Capacity after 3 month storage 75%
	32° F(0°C)	80%		Capacity after 6 month storage 65%
	5° F(-15°C)	50%		Capacity after 12 month storage 55%
Charge Constant Voltage	Cycle use: Initial Charging Current less than 2.10A; Voltage 7.20~7.50V 77° F(25°C) Standby use :Voltage 6.75~6.90V 77° F(25°C)			

Tem perature Effects in Relation to Battery Capacity

