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

free-maintenance battery Technology Specification

Customer _____

Part name free-maintenance battery

Model No PK-1270S （12V7.0Ah）

Serial No _____

Produce No _____

Approved by		**Drafted by**	WenFei Liang
Checked by		**Signed by**	Xiaojun nie
Prepared by		**Valid Date**	2018-10-31

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

 If manufacturer want to modify the product technology specification, we won't inform you additionally)

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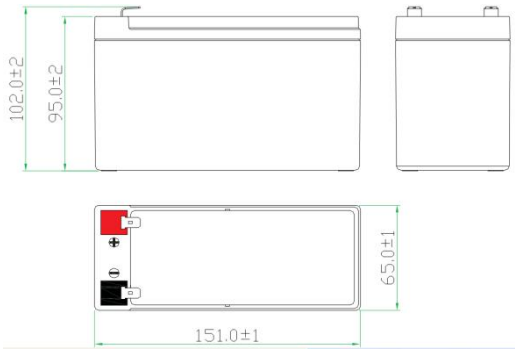
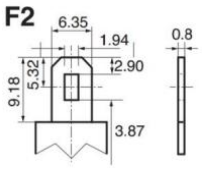
free-maintenance battery

PK-1270S [12V7.0AH]



• Outer dimensions(mm)



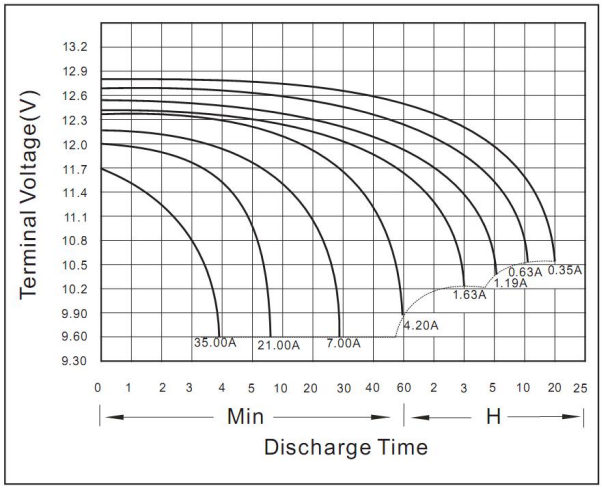


Terminal

Specification

Nominal voltage		12V	Rate Capacity (20 hour rate)	7.0AH
Dimensions ±1mm	Length	151mm 5.94 in.	Weight Approx	2000g
	Width	65mm 2.56 in.		
	Height	95mm 3.74 in.	Standard Terminal	F2
	Total Height (With Terminals)	102mm 4.01 in.	Optional Terminal	N/A

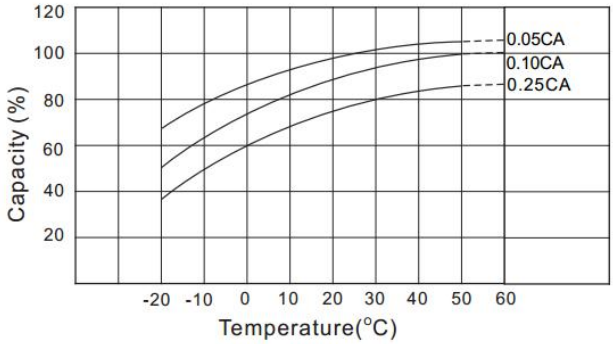
• Discharge Characteristics(25℃/77F°)



Electrical Specifications

Capacity 77° F(25℃)	20 hour rate(350mA)	7.0AH	Internal Resistance	30mΩ
	10 hour rate(630mA)	6.3AH		
	5 hour rate(1190mA)	5.9AH	Full charged battery	
	1 hour rate(4200mA)	4.2AH		
Capacity Affected by Temperature (20hour rate)	104° F(40℃)	102%	Self-discharge 77 °F(25℃)	Capacity after 1 month storage 90%
	77° F(25℃)	100%		Capacity after 3 month storage 75%
	32° F(0℃)	80%		Capacity after 6 month storage 65%
	5° F(-15℃)	50%		Capacity after 12 month storage 55%
Charge Constant Voltage	Cycle use: Initial Charging Current less than 2.10A; Voltage 14.20~15.00V 77° F(25℃) Standby use: Voltage 13.50~13.80V 77° F(25℃)			

Temperature Effects in Relation to Battery Capacity



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