

free-maintenance battery Technology Specification

Customer _____

Part name **free-maintenance battery**

Model No **PK-6100 (6V10.0AH)**

Serial No _____

Produce No _____

Approved by		Drafted by	Wenfei liang
Checked by		Signed by	Xiaojun nie
Prepared by		Valid Date	2019-08-06

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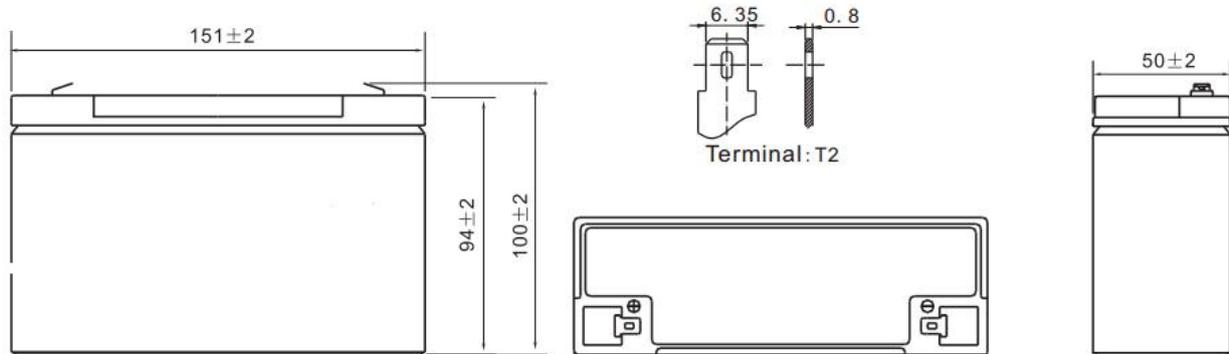
E-mail: pkcell@pkcell.net pkcell@pkcell.com

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

free-maintenance battery

PK-6100 [6V10.0AH]

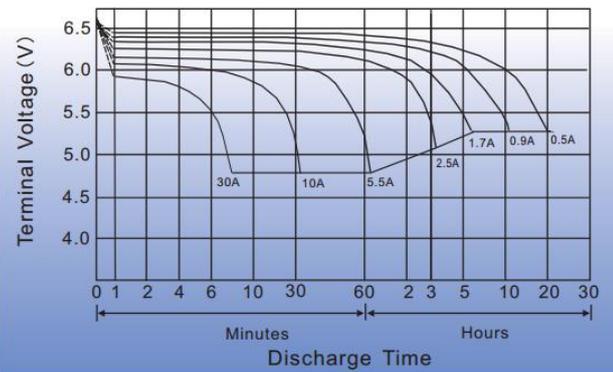
• Outer dimensions(mm)



Specification

Nominal voltage		6V	Rate Capacity (20 hour rate)	11.5AH
Dimensions ±1mm	Length	151mm 5.94 in.	Weight Approx	1.6kg
	Width	50mm 1.97 in.	Standard Terminal	T2
	Height	94mm 3.70 in.		
	Total Height (With Terminals)	100mm 3.94 in.	Optional Terminal	N/A

DISCHARGE TIME VS. DISCHARGE CURRENT (25°C)



Electrical Specifications

Capacity 77° F(25°C)	20 hour rate(350mA, 3.5V)	11.5AH	Internal Resistance		11mΩ
			Full charged battery		
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 3A; Voltage 7.35~7.5V 77° F(25°C) Standby use: Voltage 6.75~6.90V 77° F(25°C)				

TEMPERATURE EFFECTS CURVE

