

## free-maintenance battery Technology Specification

Customer \_\_\_\_\_

Part name **free-maintenance battery**  
\_\_\_\_\_

Model No **PK-12650K (12V65AH)**  
\_\_\_\_\_

Serial No \_\_\_\_\_

Produce No \_\_\_\_\_

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Checked by		Signed by	Xiaojun nie
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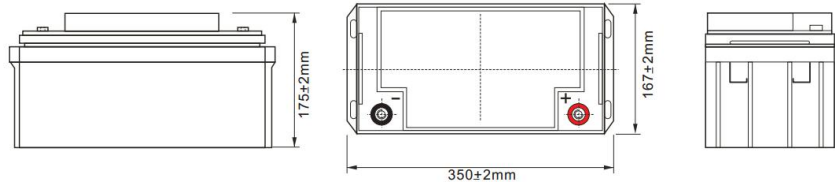
E-mail: [pkcell@pkcell.net](mailto:pkcell@pkcell.net)      [pkcell@pkcell.com](mailto:pkcell@pkcell.com)

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

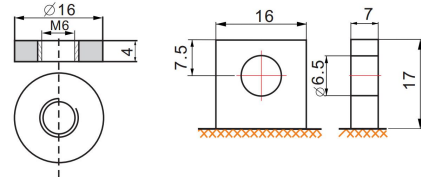
**free-maintenance battery**

PK-12650K [12V65AH]

• Outer dimensions(mm)



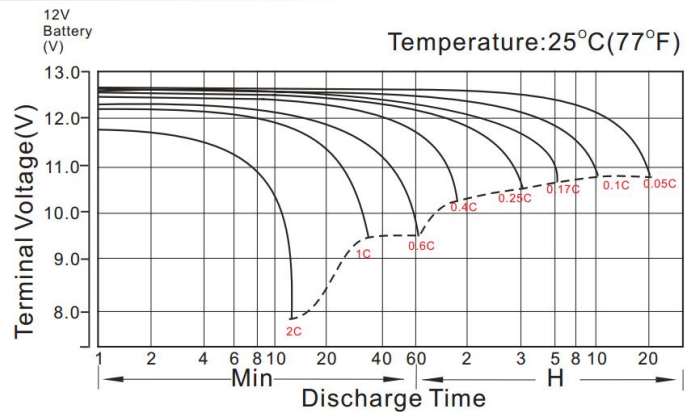
T3 Terminal F5 Terminal



**Specification**

Nominal voltage		<b>12V</b>	Rate Capacity (10 hour rate)	<b>65AH</b>
Dimensions ±1mm	Length	350±2mm	Weight Approx	20.5Kg
	Width	167±2mm	Standard Terminal	T3orF5
	Height	175±2mm	Optional Terminal	N/A
	Total Height (With Terminals)	175±2mm		

**Discharge characteristic Curve**



**Electrical Specifications**

Capacity 77° F(25°C)	10 hour rate	65AH	Internal Resistance		7mΩ
	5 hour rate	56AH	Full charged battery		
	1 hour rate	39AH			
Capacity Affected by Temperature (20hour rate)	104° F(40°C)	103%	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)	86%		Capacity after 6 month storage 65%	
	5° F(-15°C)	50%		Capacity after 12 month storage 55%	
Charge Constant Voltage	Cycle use: 14.4~14.8V(25OC/77OF)Temp.Coefficient-30mV/ OC Initial Charging Current Less than 20A				
	Standby use :13.5V~13.8V(25OC/77OF)Temp.Coefficient-20mV/OC No limit on Initial Charging Current				

**Temperature Effects in Relation to Battery Capacity**

