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-12350D （12V35AH）**

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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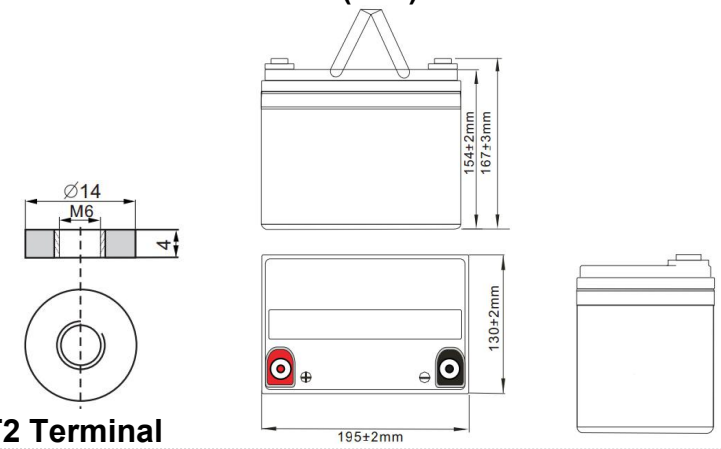
free-maintenance battery

CA12350D [12V35AH]



• Outer dimensions(mm)

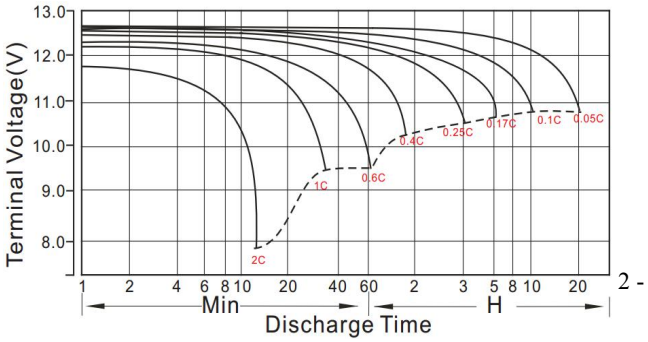


T2 Terminal

Specification

Nominal voltage		12V	Rate Capacity (20 hour rate)	35AH
Dimensions	Length Width Height Total Height (With Terminals)	195mm 7.68 in. 130mm 5.12 in. 154mm 6.06 in. 180mm 7.09 in.	Weight Approx	11.0kg
			Standard Terminal	T2
			Optional Terminal	N/A

• Discharge Characteristics(25℃/77F°)

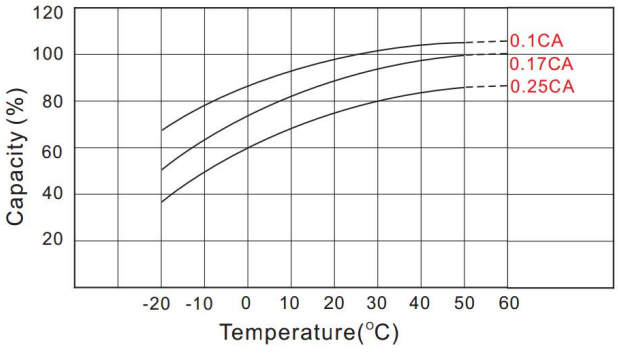


Electrical Specifications

Capacity 77° F(25℃)	20 hour rate	35AH	Internal Resistance	12mΩ
	10 hour rate	31.5AH		
	5 hour rate	29.8AH	Full charged battery	
Max.Discharge Current		400A(5S)		

Capacity Affected by Temperature (10hour 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 10.0A; Voltage 14.40~15.00V 77° F(25℃) Standby use: Voltage 13.50~13.80V 77° F(25℃)			

Temperature Effects in Relation to Battery Capacity



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