VALVE REGULATED LEAD-ACID BATTERY INSTRUCTION

1 Charging

Table 1 ambient temperature: 25℃

Usage	For Floating Charge		For Cycle Use	
	6V battery	12V battery	6V battery	12V battery
Charging Voltage(V)	6.8~6.9	13.6~13.7	7.3~7.5	14.6~15.0
Max. Charging Current(A)	0.1C~0.25C C means Ah value of battery's rated capacity			

Note:
1) When ambient temperature is below 15℃ or above 35 C, the recommended compensation factor is -3mV/℃/cell(Floating Charge)or-4mV/℃/cell (Cycle)starting from the standard center point-25℃
2) Battery temperature in charging should be in the range of-15℃~50℃.

2 Discharge

Table2 Relationship between Discharge Current and Final Discharge Voltage

Discharge Current(A)	Final Discharge Voltage
0.2C or below	1.75V/cell
From 0.2 C to 0.5C	1.70V/cell
From 0.5C to 1.0C	1.55V/cell
Above 1.0C	1.30V/cell

Note:
1) See above table,Final Discharge Voltage should vary with the change of Discharge Current.
Attention:When discharge,voltage must not be lower than its corresponding Final Discharge Voltage;
2) Immcdiate charge after discharge or overdischarge for retaining battery life;
3) Battery temperature in discharg should be in the range of-15℃~50℃.

3 Attentions

1) Examine the appearance of the battery before use.
2) Store the battery in a cool place (best below 20℃ or 68° F).
3) Recharge the battery that has been stored more than 3 months.
4) Charge the battery in a well-ventilated environment.
5) Regularly survey batteries' Charging voltage to make sure it in the range of Chart 1.
6) Ssecure the battery firmly installed in equipments.

4 Prohibitions

1) Burn the battery or put it near fire.
2) Short circuit the battery.
3) Use the battery in an airtight cabinet.
4) Dissect the battery.
5) Load and unload tha battery roughly
6) Attempt to use a cracked,deformed,or leaky battery.
7) Subject the battery to excess vibration or violent jolts.

※ Refer to *Application Manuals of contact us*