

- 1-1 Input power source : 240 Vac 50Hz
- 1-2 Rating input current at 1A_{dc} charging output (6V mode) : 61 mA_{ac} +/-10% at 240Vac 50Hz input
- 1-3 Rating input current at 0.9A_{dc} charging output (12V mode) : 90 mA_{ac} +/-10% at 240Vac 50Hz input
- 1-4 Maximum Battery Size: 18Ah

- 2-1 Rated output Voltage at 6V charge : 6V min. at 1 A_{dc} +/-10% loading output (R.C loading method)
- 2-2 Rated output Voltage at 12V charge : 12V min. at 0.9A_{dc} +/-10% loading output (R.C loading method)

3) Charging output control & voltage control

3-1 6V or 12V selection method :

3-2 Level 1 upper limited :

3-3 Level 2 upper limited :

3-4 Level 3 lower limited :

At 12V Charging mode	At 6V Charging mode
By manual	By manual
14.4V +/- 0.3V	7.2V +/- 0.25V
14.0V +/- 0.3V	7.0V +/- 0.25V
13.5V +/- 0.3V	6.75V +/- 0.25V

4) Charging starting conditions

1) Battery voltage not less than 9V +/-0.5V (If 12V Battery selection)

2) Battery voltage not less than 4.5V +/-0.5V (If 6V Battery selection)

3) Output polarity correct.

5) LED indication status & colour	ac power		Charging	Charged
	Green or Yellow (at 6V), Red (at 12V)		Yellow	Green,Red
5-1 Ac power on →	ON	ON	OFF	ALL OFF
5-2 Charging started →	ON	ON	ON	ALL OFF
5-3 Output over Load →	ON	ON	OFF	ALL OFF
5-4 Float charging →	ON	ON	OFF	Green ON
5-5 Battery reverse polarity →	ON	ON	OFF	Red ON

6) Insulation of ac power transformer

6-1 Primary to Secondary output:

3750 Vac 50 or 60 Hz 0.5mA 1 minute, pass

6-2 Primary to Core:

3750 Vac 50 or 60 Hz 0.5mA 1 minute, pass

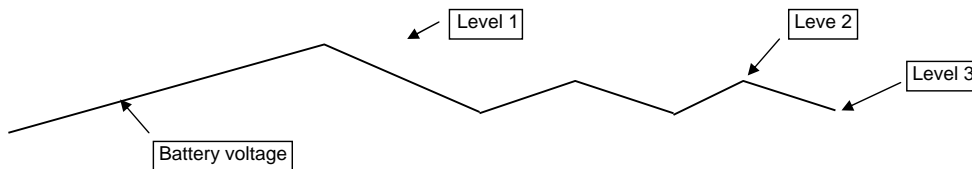
6-3 Secondary to Core:

500 Vac 50 or 60 Hz 0.5 mA 1 minute, pass

7) For type of battery :

12V or 6V Lead-acid battery, Max. 18AH battery

8) Charging control curve :



10) Charging loading test Diagram

