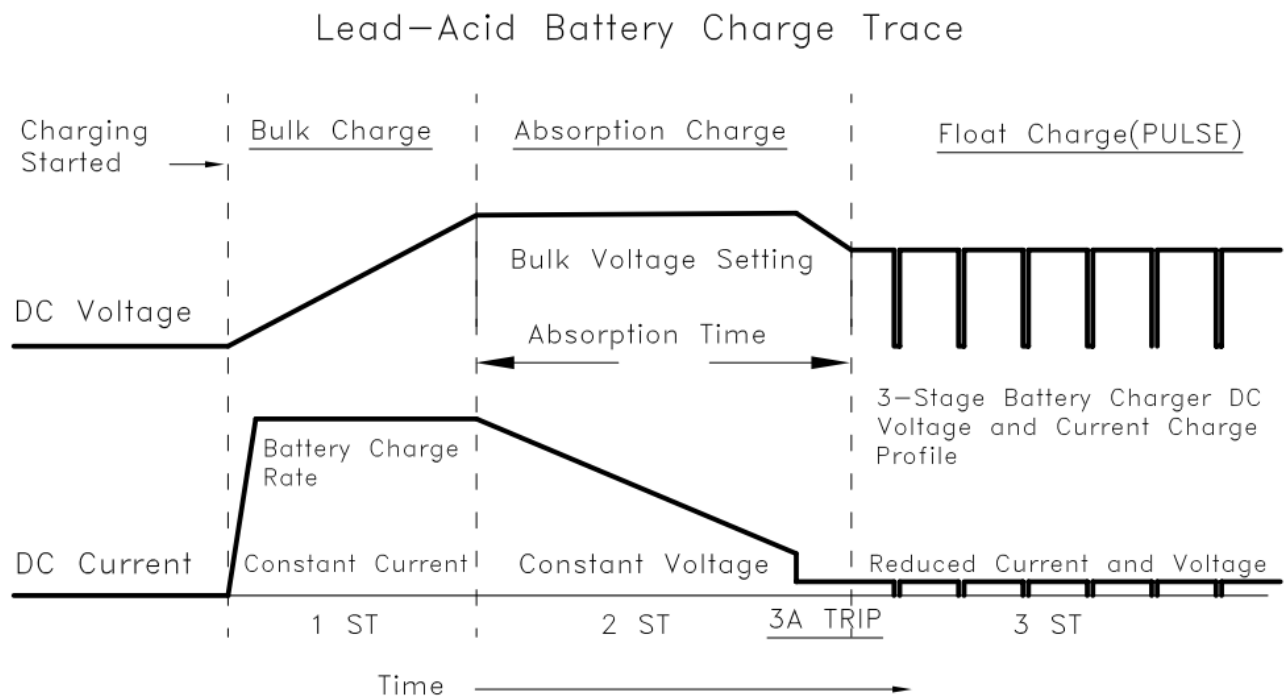


Specification

Model Name : AC 10012

| | |
|-------------------------|--|
| Input Voltage | 115 or 230Vac by order specific |
| Input Frequency | 47 ~ 63Hz |
| Max. In-rush Current | Cold start , 90A for 115Vac , 150A for 230Vac |
| Input Current | 24.12A Max for 115Vac 12.06A Max for 230Vac |
| Output Voltage | 14.6Vdc \pm 0.2V (Absorption Charge) 13.Vdc \pm 0.2V (Float Charge) |
| Start Point of Floating | 6A \pm 0.2A |
| Max. Charging Current | 100A |
| Ripple / Noise | 500mVp-p |
| FAN Control | Fan on fast running (Bulk / Absorption Charge) Fan on slow running (Float Charge) |
| LED Indication | LED1 : Green \rightarrow Power on LED2 : Orange \rightarrow Charging Off \rightarrow Charged |
| Dimension | 414.4 x 180 x 162 mm |

Three Step of Charging & Charge Curve



Step 1 : Bulk charge – bring batteries to 75% capacity fast.

During this stage charging occurs at full power, which means maximum current, until the battery voltage reached the set limit.

Step 2 : Absorption Charge, boost – slow the current flow, adjusting for maximum efficiency and gently topping off batteries.

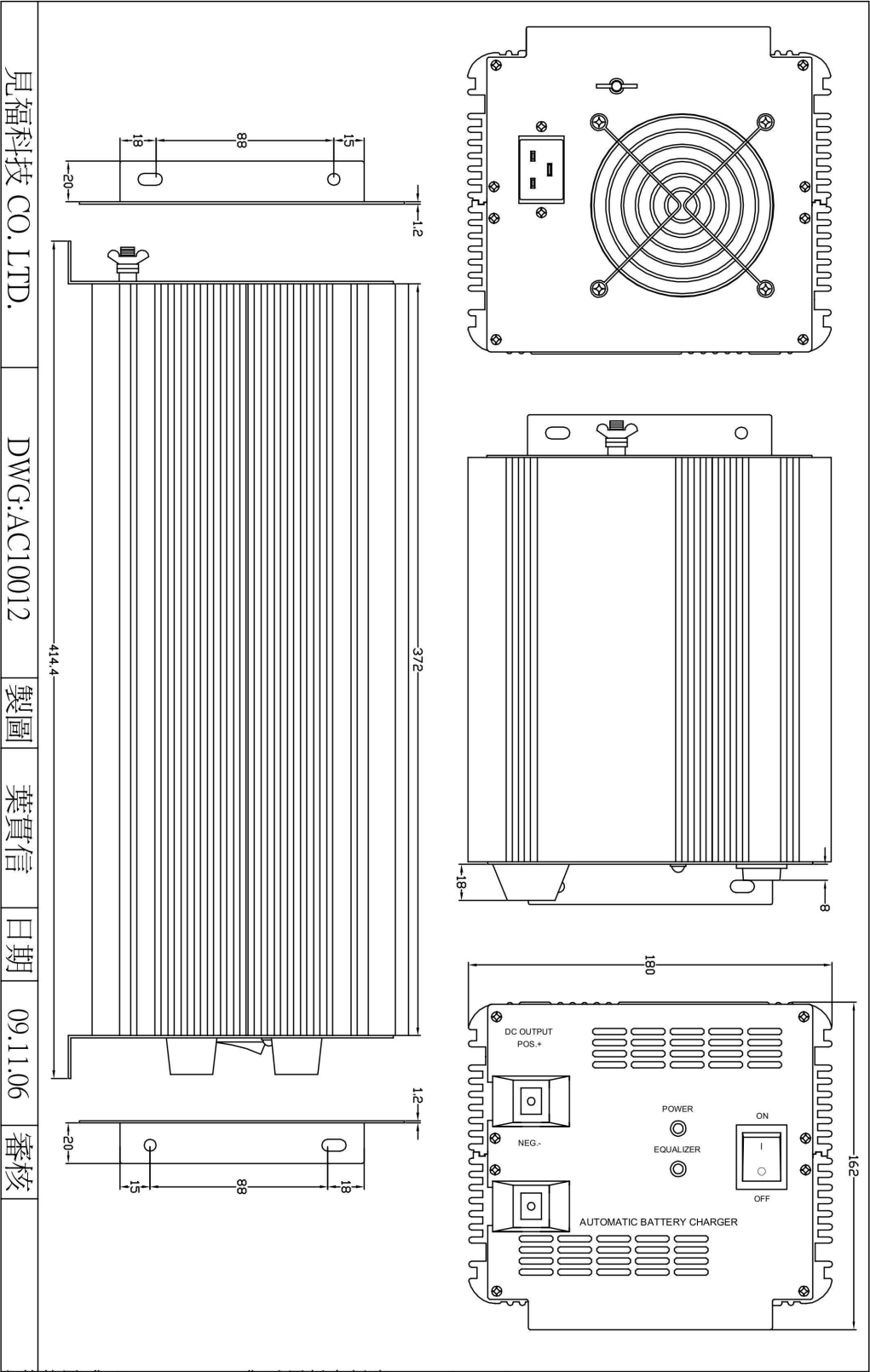
During absorption charging the current decreases as the battery approached full charge.

Step 3 : Trickle Charge – for longer period, maintains fully charged batteries without harmful effects of over charging & cooking.

Trickle charge is intended to keep the battery in a fully charged state and compensates for self-discharge. When the current reaches setting point the battery switches to a maintenance charge at a constant voltage. Should the battery be in use and the charge current

Subsequently exceed setting point the charger will automatically return to the beginning of the three step charge characteristic.





見福科技 CO. LTD.

DWG:AC10012

製圖

葉賢信

日期

09.11.06

審核