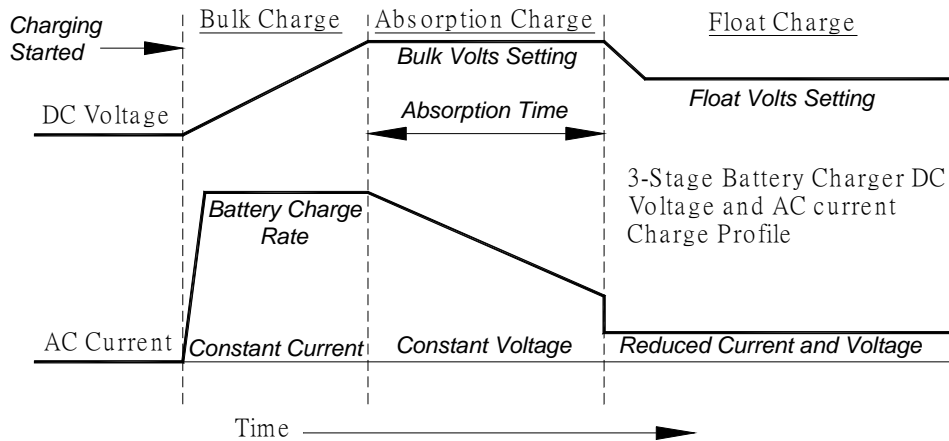


Specification

Model Name : AC 2048A

Input Voltage	110V / 220V auto switch
Input Frequency	47 ~ 63Hz
Max. In-rush Current	Cold start , 90A for 115Vac / 150A for 230Vac
Input Current	25 A Max for 115Vac / 13A for 230V
Output Voltage	58.4Vdc \pm 0.2V (Absorption Charge) 54.8Vdc \pm 0.2V (Float Charge)
Start Point of Floating	2.9A \pm 0.2A
Max. Charging Current	20A
Ripple / Noise	500mVp-p
FAN Control	Fan on running (Bulk / Absorption Charge) Fan Turn off (Float Charge)
LED Indication	LED1 : Green \rightarrow Power on LED2 : Orange \rightarrow Charging Off \rightarrow Charged
Dimensions	11.1 inch / 283 mm) Length 7.32 inch / 186 mm) Width 6.42 inch / 163 mm) Height
Net Weight	5 Kgs

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

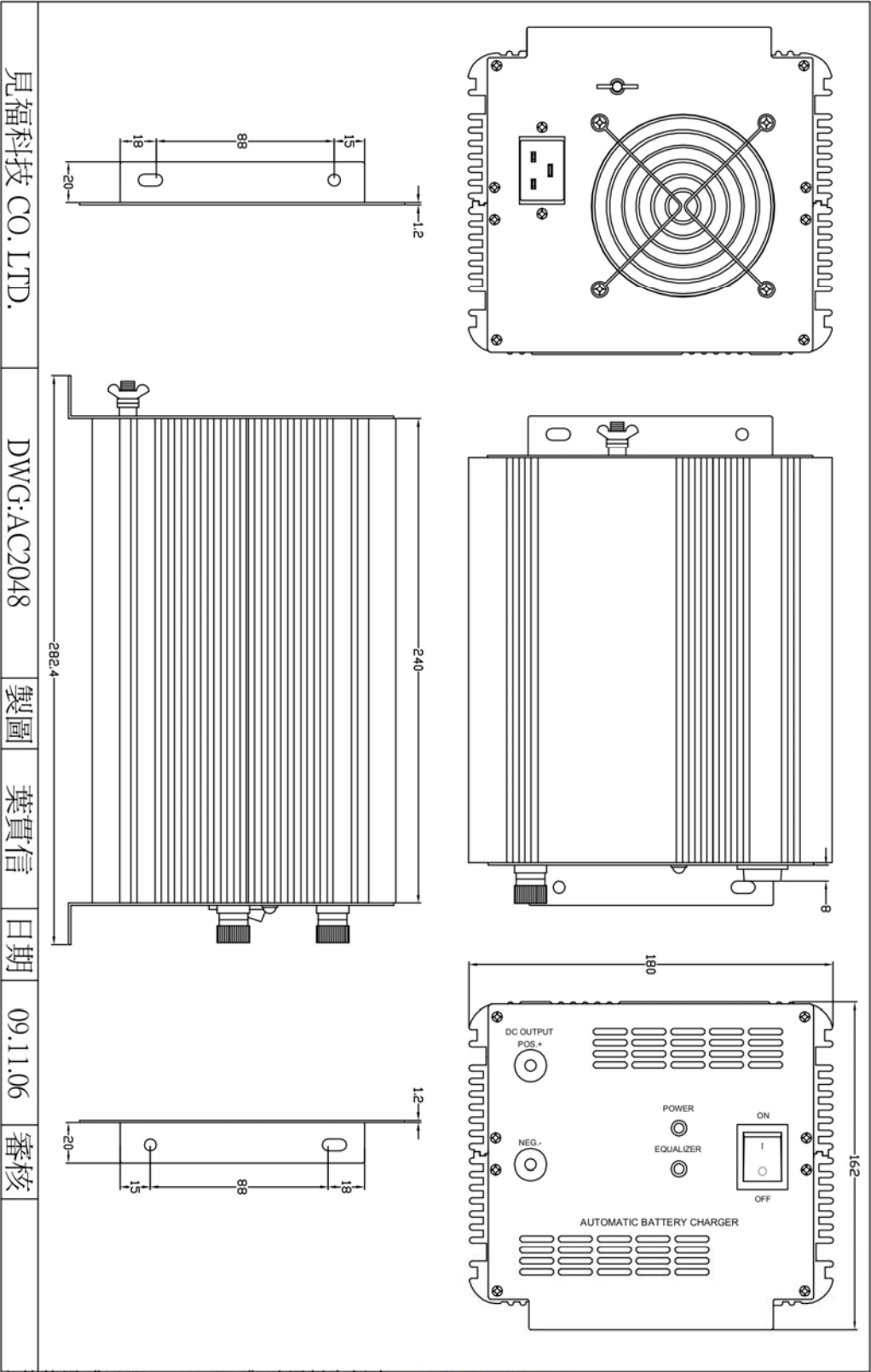
Subsequently exceed setting point the charger will automatically return to the beginning of the three step charge characteristic.

Front Panel



Rear Panel





見福科技 CO. LTD.

DWG:AC2048

製圖

葉賢信

日期

09.11.06

審核