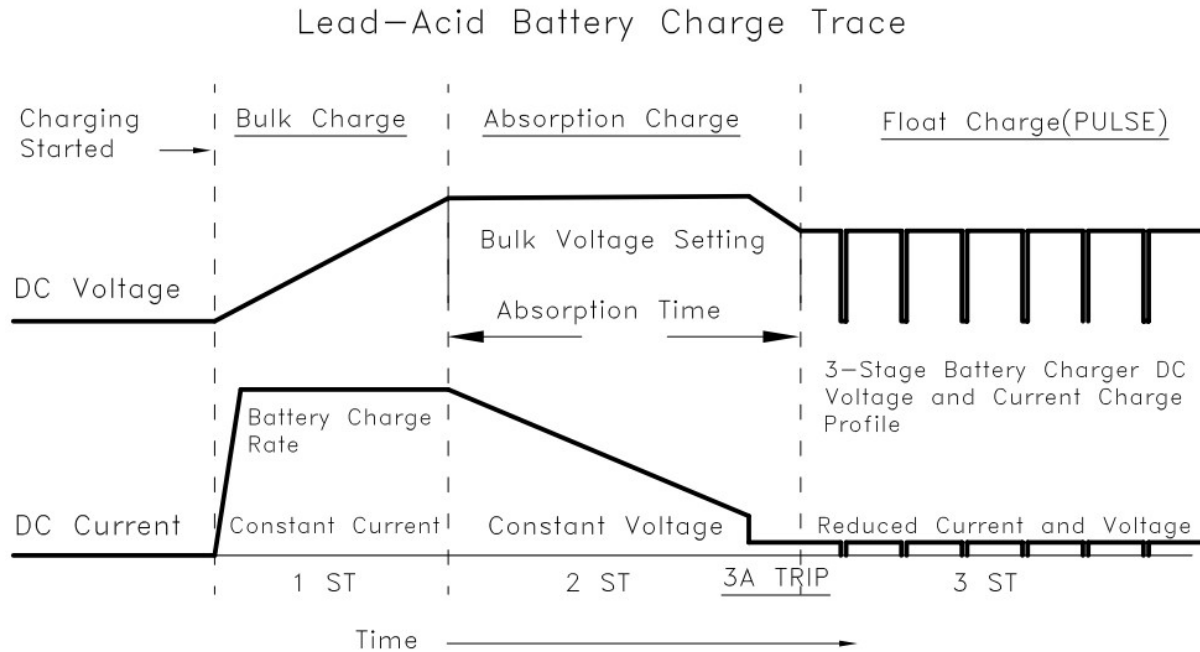


Specification of AC 1048

| | |
|--|--|
| Input Voltage | 115 or 230Vac (by order specific) |
| Input Frequency | 47 ~ 63Hz |
| Max. In-rush Current | Cold start , 76A for 115Vac , 40A for 230Vac |
| Input Current | 9.0 A Max for 115Vac 4.5 A Max for 230Vac |
| Output Voltage (can specific) | 58.4Vdc \pm 0.2V (Absorption Charge) 54.8 Vdc \pm 0.2V (Float Charge) |
| Start Point of Floating (can specific) | 1.5A \pm 0.2A |
| Max. Charging Current | 10A |
| Operate Temperature | 0 – 50 Degree C |
| Ripple / Noise | 500mVp-p |
| FAN Control | Fan on Fast running (Bulk / Absorption Charge) Fan on slow running (Float Charge) |
| AC Cord | 2C, 18AWG, length1.8M with Euro Plug |
| DC Cord | 16AWG, Length 1.0M Mount Clips |
| LED Indication | LED1 : Green \rightarrow Power on LED2 : Orange \rightarrow Charging Off \rightarrow Charged |
| Dimension | 278.4 x 204 x 85 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.

Body View

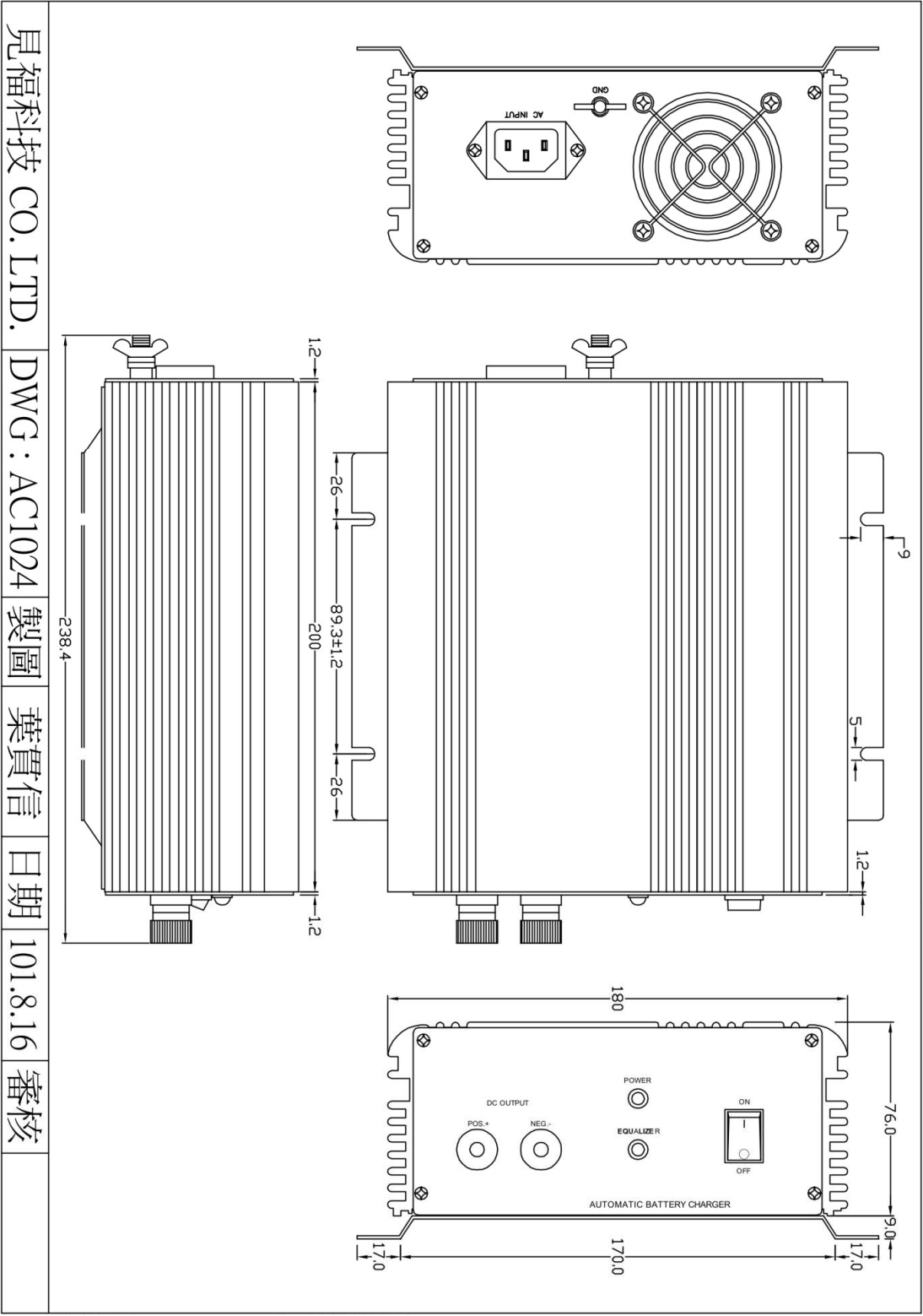


Front Panel



Rear Panel





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