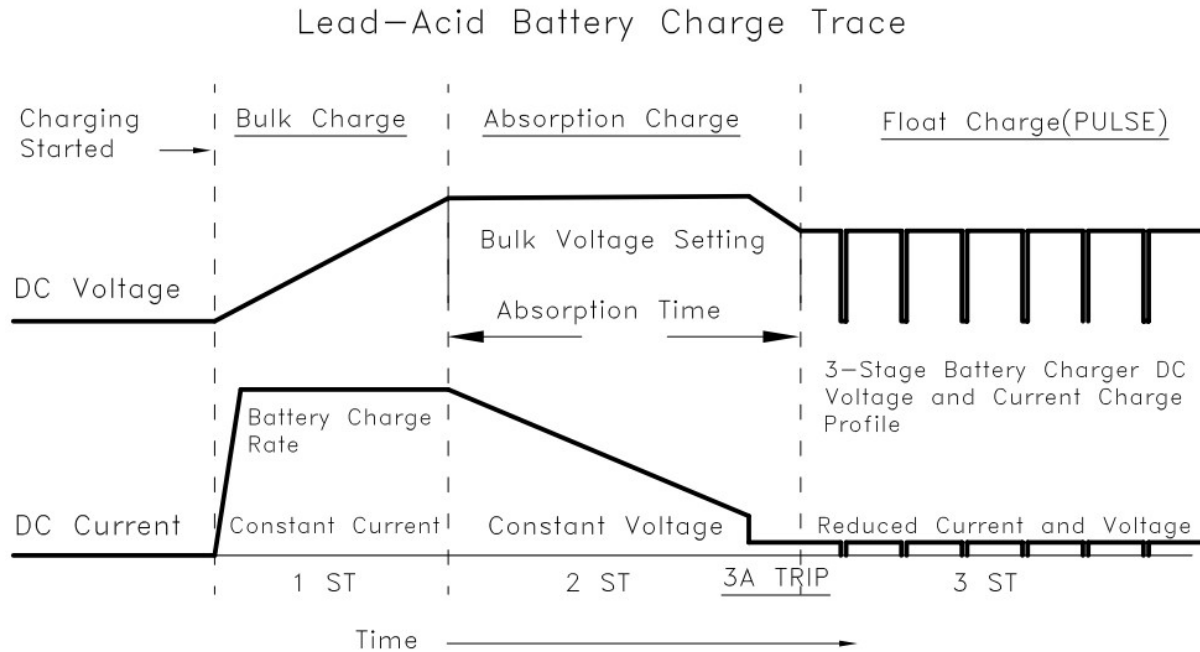


Specification of AC 3512

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	10 A Max for 115Vac 5A Max for 230Vac
Output Voltage (can specific)	14.6Vdc \pm 0.2V (Absorption Charge) 13.7Vdc \pm 0.2V (Float Charge)
Start Point of Floating (can specific)	3A \pm 0.2A
Max. Charging Current	35A
Operate Temperature	0 – 50 Degree C
Ripple / Noise	350mVp-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	12AWG, 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

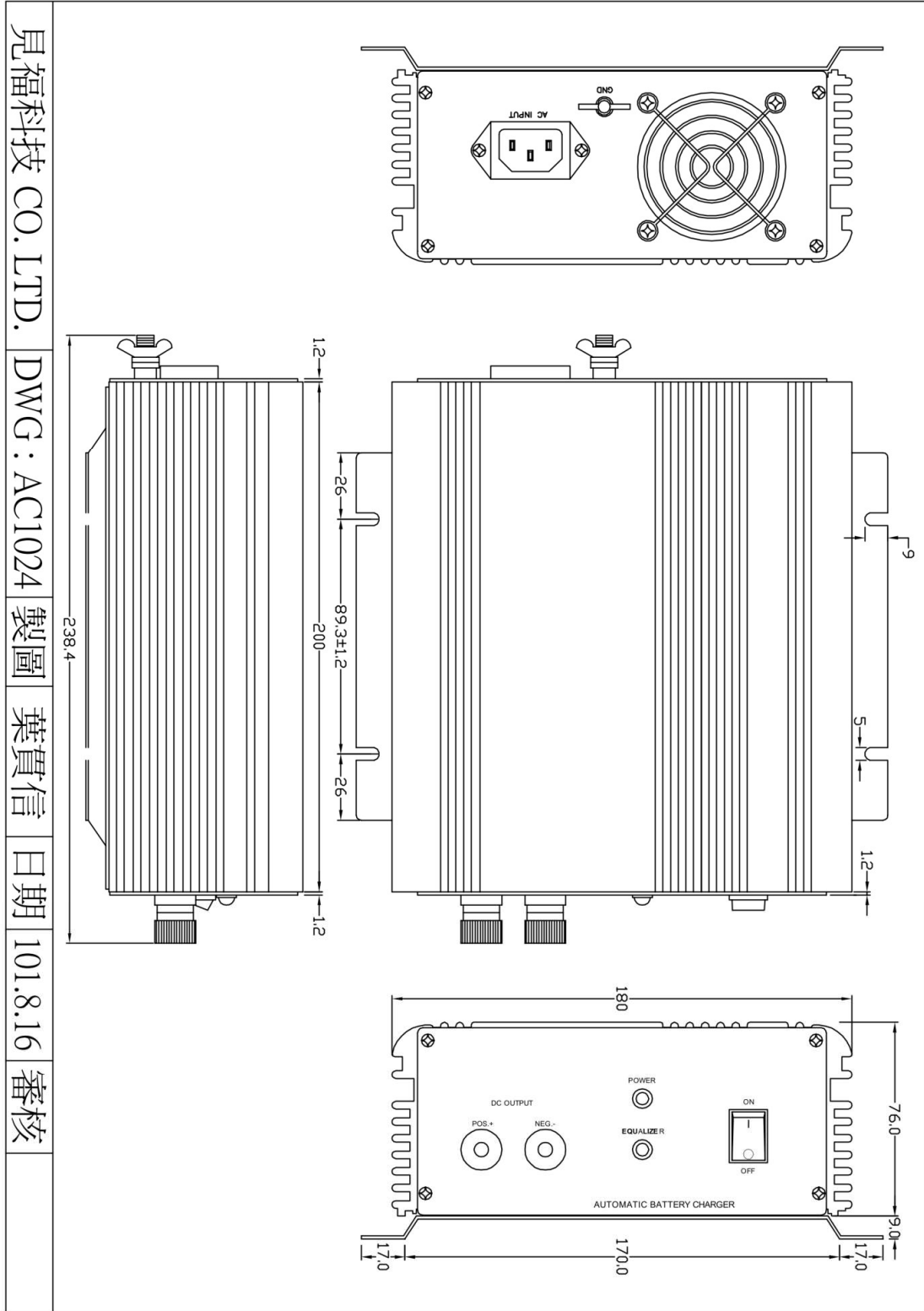


Front Panel



Rear Panel





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