

Features

- Universal input 100-240VAC
- Output Power: 24-48W
- Plastic Enclosure
- Approved to UKCA, CE
- LVD & EMC Class B Certified, RoHS & REACH compliant
- 12V Lead Acid 3 Stage Control (Fast/Normal/Float)
- OVP, OCP, OTP & Short Circuit
- Dimensions: Dependent on Model
- Weight: Dependent on Model

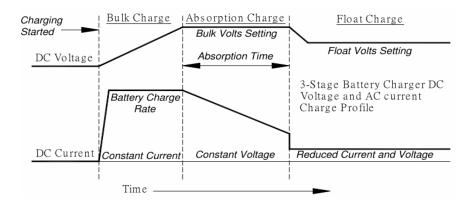


Ideal Power's 31ACWW12 24A Range of 12V Lead Acid Battery Chargers Series are certified to UKCA, CE, RoHS, REACH & EN 62368-1 Standards and comply with the relevant Efficiency Regulations. These are primarily used in ITE, Audio & Video Industries and customised solutions are available upon request.

31AC0212A	31AC0224A
100V ~ 240V universal	
47Hz ~ 63Hz	
2Amp	2Amp
24W	48W
2A +/- 0.2A	
0 ~ 50 °C	
8 ms at full load output	power and 115 Vac input
Lead Acid Battery	
Red	
Green	
1.8M EURO Plug + 1.8M UK Fuse Plug	
SPT2, 2C, 18AWG, 1.8M mount clips	
119 x 61 x 37 (LxWxH) mm	
0.5 (Kgs)	
CE, CUL	
	100V ~ 24 47Hz 2Amp 24W 2A + 0 ~ 8 ms at full load output Lead A F G 1.8M EURO Plug SPT2, 2C, 18AW 119 x 61 x 3 0.5



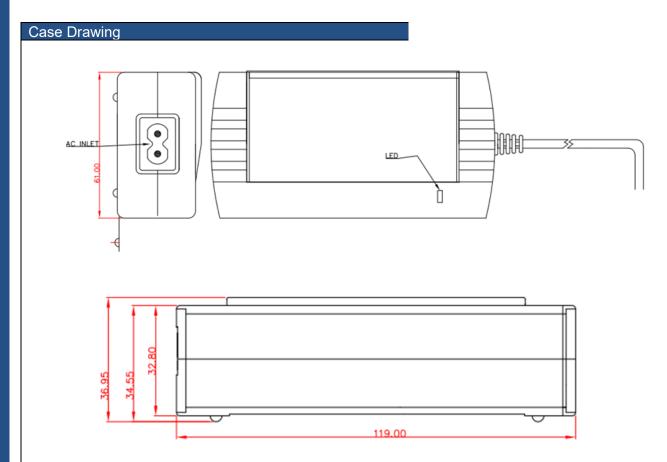
Three Steps of Charging & Charge Curve



- 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 overcharging and cooking.

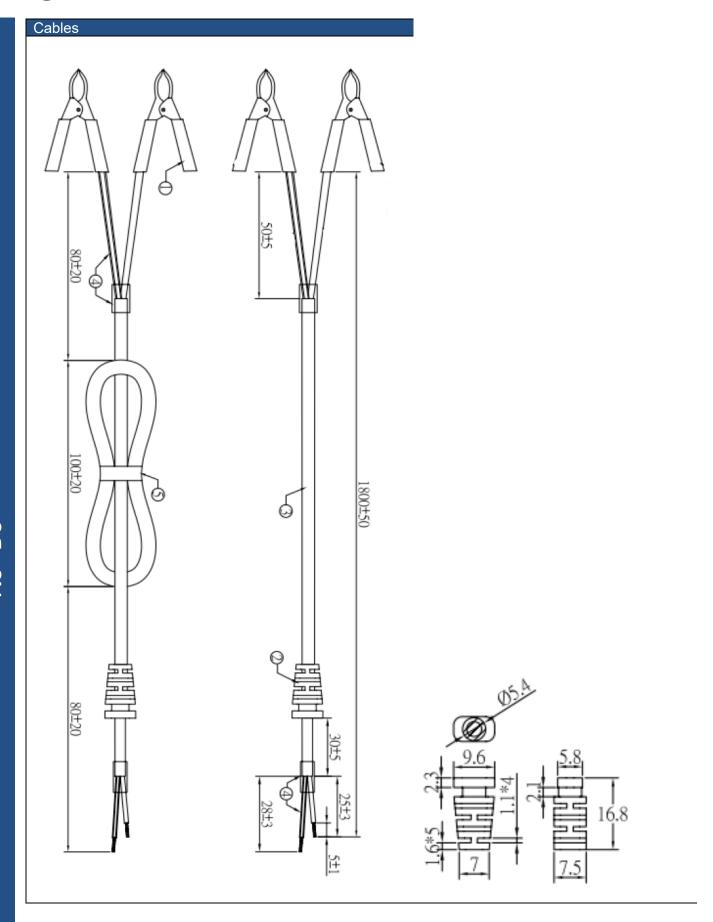
Trickle charge is intended to keep the battery in a fully charged state and compensates for self-discharge. When the current reaches setting point the battery switches

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.



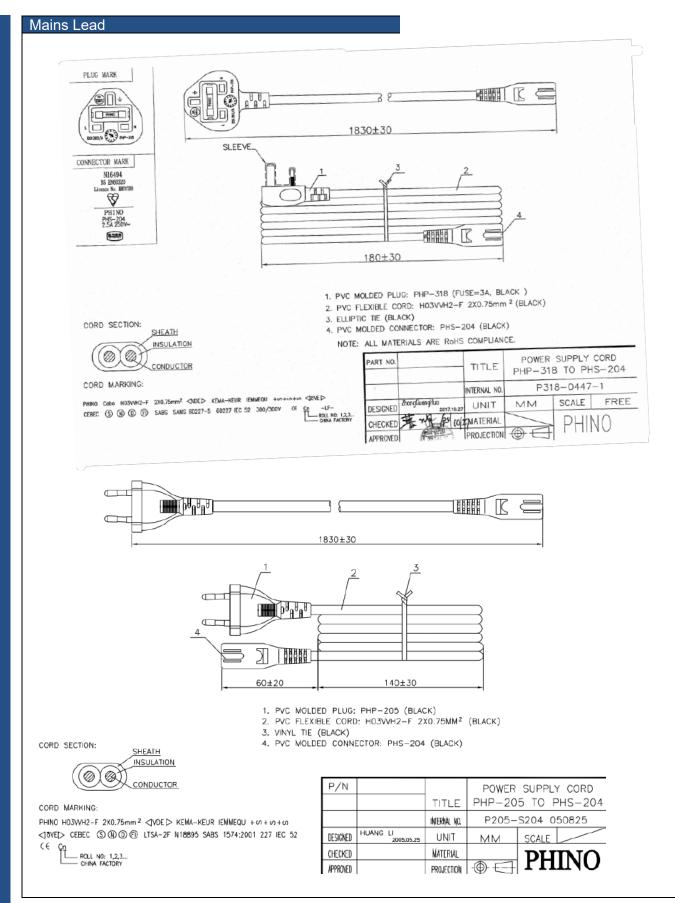
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