

### Features

- Universal input 100-240VAC
- LED Charge Indicators Included

DEALPOWER

- Approved to UKCA, CE
- LVD & EMC Class B Certified, RoHS & REACH compliant
- 6V Lead Acid 3 Stage Control (Fast/Normal/Float)
- OVP, OCP, OTP & amp; Short Circuit
- Comes with fused UK Mains Lead
- 1A ~ 12A Models Available



UK

CE

Ideal Power's 31ACUU06A Range of 6V 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.

Models	31AC0406A				
Input Voltage	90V / 264V Auto Switch - 100-240Vac +/- 10%				
Input Frequency	47Hz ~ 63Hz / 50-60Hz +/- 5%				
Input Current	1.3~2.6A - 115Vac / 230Vac				
Output Max Current	4A (1A~12A Models available)				
Output Power	24W				
Output Voltage	6.8~7.3V DC				
Isolation	Input isolate Chassis : 500M OHM				
Battery Application	Lead Acid Battery				
LED - Power	Red				
LED - Charging	Orange				
LED – Fully Charged	Green				
DC Cable	1.2M Mount clips				
Dimensions	180 x 88 x 47 (LxWxH) mm				
Weight	0.8 (Kgs)				
MTBF	30,000hrs				
Specifications subject to change without	t notice.				

Communication devices
 Vacuums Pumps
 Fire trucks
 Household items

Power generators
 Sailing boats
 Emergency vehicles
 Communication
 Equipment's

UPS
 Fork-lift
 Electrical car & bicycles
 Automobiles

© Power Inverters

- Ambulance
  Ambulanc
- O Mobile command centres

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# 31ACUU06A 6V Lead Acid Battery charger Series

#### **Environmental Data**

	Minimum	Typical	Maximum	Units	Notes
Operating Temperature	0		45	ōC	
Storage Temperature	0		70	ōC	
Operating Humidity	20		90	ōC	
Storage Humidity	10		95	ōC	

#### EMC Emissions (2014/30/EU)

	Standard	Test Level	Criteria	Notes
Conducted	EN 55032	Pass	В	
Radiated	EN 55032	Pass	В	
Harmonic Current	EN 61000-3-2	Pass	А	
Voltage Flicker	EN61000-3-2	Pass		

#### EMC Immunity (2014/30/EU)

	Standard	Test Level	Criteria	Notes
EMS	EN 55035	Pass	А	
ESD	IEC 61000-4-2	Pass	В	Contact: +/- 4KV; Air: +/- 8KV
RS	IEC 61000-4-3	Pass	А	Frequency: 80-1000MHz; Field Strength: 3V/M ' 80% AM
EFT	IEC 61000-4-4	Pass	В	1.0KV on input AC power ports
Surges	IEC 61000-4-5	Pass	В	Line to Line: +/- 1KV (peak); Line to F.G: +/- 2KV (peak)
Conducted	IEC 61000-4-6	Pass	А	150KHz to 80MHz 3Vms
PFMF	IEC 61000-4-8	Pass	А	50hZ, 60Hz, 1A/m
Dips and Interruptions	IEC 61000-4-11	Pass	Complies	0%, 70%, 0% of UT

### Safety Approvals

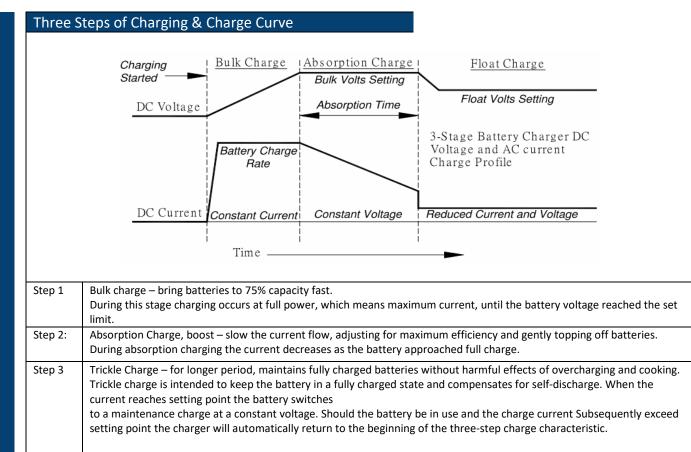
Safety standard

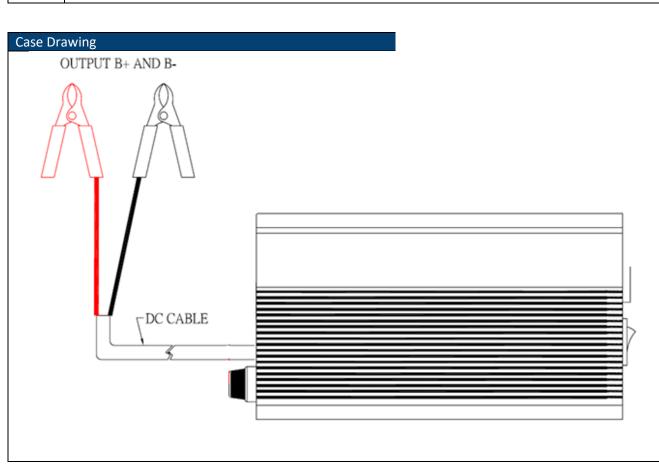
EMC Directive 2014/30/EU, LVD Directive 2014/35/EU, RoHS Directive RoHS (EU) 2015/863

CE



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#### Case Drawing (continued)

