



***New generation intelligent floating type charger .
When you use it you will experience the difference!!!***

BC7101A Battery Charge

Main Characteristic:



1. BC7101A Intelligent Charger is a charging device designed especially for the startup battery of deiesel engines.
2. Charge up according to the speciality of battery, as the charging mode is designed to be constant convertor mode,whice means there is constant current charge when the terminal voltage of the battery voltage when the terminal voltage is higher and as it reaches the threshold voltageof the battery voltage,the charging mode becomes trickle charge,while the charging current can only counteract self–discharge of the battery.Therefore,long time charge has no harm to the battery ,namely the charger can not only maintain the full charge condition of the battery but also insure its service life .
3. Use switch power supply circuit, which makes the charger, has the wider working voltage,higher working efficiency and the thinner volume than the traditional ones.
4. Applied to battery packs of 12V and 24V.Selecting through panel.
5. Perfect protencion: high-low voltage battery, overcurrent and open-circuit protection.
6. Simple and convenient installation.

AC POWER LED:The indicator illuminates when AC power input is normal.

ON CHARGE LED:The indicator illuminates when charging.

ALARM LED: This indicator illuminates (ALARM is effective and output is 12V/50mA) when failed to charge(charging voltage is lower than 12V or 24V and charging current is less than 7A).

Specifications:

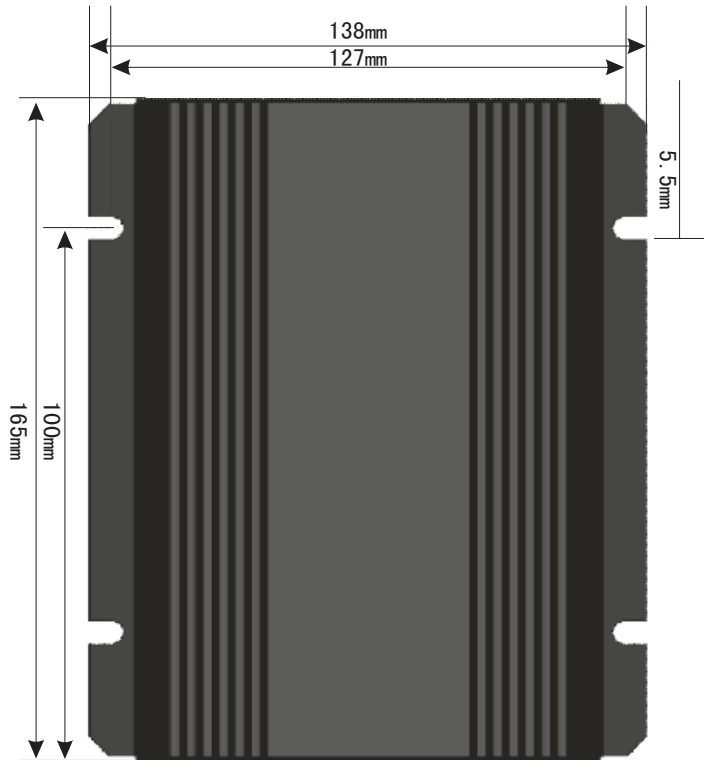
Type of Battery	12V	24V
Low battery voltage	≤10.5V	≤21V
Threshold Voltage of Trickle Charge	13.7 V	27.4V
Charging Current	12A	10A
Survey Accuracy of Voltage	±5%	
Survey Accuracy of Current	±5%	
Operating Voltage	180 to 300Vac	
Frequency	50/60 Hz	
Power	≤300VA	
Operating temperature	-20°C to 70°C	
Contour size	165*138*50mm	

Caution: Wire connecting terminal are high voltage electrical components.For the sake of safety, the charger must be installed in the closed box and the installersmust have related professional knowledge.When using, must be connect an all-pole mains switch.



The control specialist of dynamical power

Dimension:



Harsen Product

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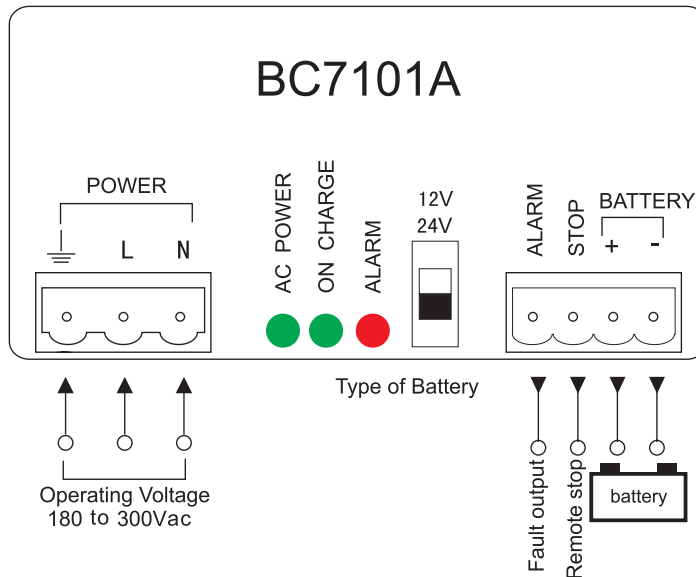
Professional

Innovation

Quality

Service

Wiring Diagram:



Note: Closed "stop" and "-" stop charging. When a fault occurs the "TechnicalParameter: ALARM" - "output 12V/50mA."



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